

Tunnel Data

Country Czech_Republic

TunnelName Decinsky

OpeningYear 1874

TunnelAddress Usti nad Labem

Country Czech_Republic

PostCode 400 01

ContactName Bohuslav Stecinsky

ContactPhone +420 972233137

ContactEmail stecinsky@gr.pha.cz

OperaratingAuthority Czech railway

NoOfOperatingStaff 0

NoOfMaintenanceStaff 0

TypeOfTunnel Rail

TollTunnel

DesignSpeed(Km/h) Less than 70

Construction Horse Shoe - Blasting

Length(M) less than 500

Width(M) less than 3

Bores 1

LanesPerBore 1

ContraflowInBore

TunnelGradient 0

Cladding

CrossPassageways

VehiclesPerDay 0

HgvVehicles less than 4%

DangerousGoodsVehicles less than 2%

ForcedVentilation

TunnelLighting

EmergencyLighting

TunnelDrainage

CCTV

VehicleDetection

FireAlarm

VariableMessageSigns

Radio

Telephones

FireExtinguishers

HoseReels

FireWithinTunnel

HowMany 0

Fatalities

IncidentComments

Country Czech_Republic

TunnelName Sychrovsky
OpeningYear 1859
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Czech_Republic**

TunnelName Lisensky
OpeningYear 1859
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Rikovsky II
OpeningYear 1859
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Frantiskovsky
OpeningYear 1902
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Karlovsky I
OpeningYear 1900
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Jestedsky
OpeningYear 1900
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Navojsky
OpeningYear 1928
TunnelAddress Zlin
Country Czech_Republic
PostCode 760 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Jablunkovsky II
OpeningYear 1917
TunnelAddress Ostrava
Country Czech_Republic
PostCode 700 30
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Mnisecky
OpeningYear 1855
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Mikulovsky
OpeningYear 1885
TunnelAddress Usti nad Labem
Country Czech_Republic
PostCode 400 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 4
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Trebovicky
OpeningYear 1845
TunnelAddress Pardubice
Country Czech_Republic
PostCode 530 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Pisarecky
OpeningYear 1998
TunnelAddress Brno
Country Czech_Republic
PostCode 657 68
ContactName B-Kom, department tunnels
ContactPhone +420 543321225
ContactEmail bkom@bkom.cz
OperaratingAuthority B-Kom
NoOfOperatingStaff 2
NoOfMaintenanceStaff 2

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 5
Cladding
CrossPassageways

VehiclesPerDay 22000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Hrebec
OpeningYear 1997
TunnelAddress Road I/35, Litomysl
Country Czech_Republic
PostCode 570 20
ContactName Road and motorway directorate, divis
ContactPhone +420 284009111
ContactEmail posta@rsd.cz
OperatingAuthority Road and motorway directorate
NoOfOperatingStaff 2
NoOfMaintenanceStaff 2

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) 3-4
Bores 1
LanesPerBore 3
ContraflowInBore
TunnelGradient 6
Cladding
CrossPassageways

VehiclesPerDay 10000
HgvVehicles 6-8%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Kohoutova
OpeningYear 1998
TunnelAddress Brno
Country Czech_Republic
PostCode 657 68
ContactName B-Kom, department tunnels
ContactPhone +420 543321225
ContactEmail bkom@bkom.cz
OperatingAuthority B-Kom
NoOfOperatingStaff 2
NoOfMaintenanceStaff 2

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Rectangular-Cut & Cover
Length(M) 500-1000
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 4
Cladding
CrossPassageways

VehiclesPerDay 22000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Zlichov
OpeningYear 2002
TunnelAddress Prague
Country Czech_Republic
PostCode 150 00
ContactName Road technical management, depart
ContactPhone +420 257015111
ContactEmail tsk@tsk.mepnet.cz
OperatingAuthority Road technical management
NoOfOperatingStaff 3
NoOfMaintenanceStaff 2

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Rectangular-Cut & Cover
Length(M) less than 500
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 4
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Strahovsky
OpeningYear 1997
TunnelAddress Prague
Country Czech_Republic
PostCode 150 00
ContactName Road technical management, depart
ContactPhone +420 257015111
ContactEmail tsk@tsk.mepnet.cz
OperatingAuthority Road technical management
NoOfOperatingStaff 3
NoOfMaintenanceStaff 2

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 3
Cladding
CrossPassageways

VehiclesPerDay 19000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 2
Fatalities

IncidentComments 25.072001, 14:24 - 14:47; Action time - 23 minutes, 1 fire brigade; Cause - technical trouble; Injury - 0, Death - 0; Material damage - 10000CZK.
13.02.2002, 17:10 - 17:42; Action time - 32 minutes, 2 fire brigades; Cause -technical trouble; Injury - 0, Death - 0; Material damage - 20000 CZK.

Country**Czech_Republic**

TunnelName Tesnovsky
OpeningYear 1988
TunnelAddress Prague
Country Czech_Republic
PostCode 150 00
ContactName Road technical management, depart
ContactPhone +420 257015111
ContactEmail tsk@tsk.mepnet.cz
OperatingAuthority Road technical management
NoOfOperatingStaff 3
NoOfMaintenanceStaff 2

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Rectangular-Cut & Cover
Length(M) less than 500
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 37000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Letensky
OpeningYear 1953
TunnelAddress Praha
Country Czech_Republic
PostCode 150 00
ContactName TSK department 640 - Tunnel
ContactPhone +420257015111
ContactEmail tsk@tsk.mepnet.cz
OperatingAuthority Road technical management (TSK)
NoOfOperatingStaff 3
NoOfMaintenanceStaff 2

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 6
Cladding
CrossPassageways

VehiclesPerDay 19500
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 2
Fatalities

IncidentComments Letensky: Fire:
01.09.1996; Action time – 10 minutes, 1 fire brigade; Cause – trouble with car electrics; Injury – 0, Death – 0;
Material damage – 10000 CZK.
05.04.2002, 19:48 – 19:58; Action time – 10 minutes, 1 fire brigade; Cause – technical trouble; Injury – 0, Death – 0;
Material damage – 10000 CZK.

Country**Czech_Republic**

TunnelName Novopacky
OpeningYear 1871
TunnelAddress Hradec Kralove
Country Czech_Republic
PostCode 500 03
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Rynholecky
OpeningYear 1870
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Jablunkovsky I
OpeningYear 1870
TunnelAddress Ostrava
Country Czech_Republic
PostCode 700 30
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Velky Prsticky
OpeningYear 1870
TunnelAddress Brno
Country Czech_Republic
PostCode 602 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Smrzovsky
OpeningYear 1890
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 3
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Libensky
OpeningYear 1975
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Chuchelsky
OpeningYear 1954
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Jarovsky
OpeningYear 1897
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Malesicky
OpeningYear 1919
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Czech_Republic

TunnelName Zizkovsky
OpeningYear 1919
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Czech_Republic**

TunnelName Vinohradsky IIIB
OpeningYear 1989
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Polubensky
OpeningYear 1902
TunnelAddress Liberec
Country Czech_Republic
PostCode 460 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 5
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Vinohradsky III
OpeningYear 0
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Vinohradsky II
OpeningYear 1944
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Vinohradsky I
OpeningYear 1871
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Havlickobrodsky
OpeningYear 1952
TunnelAddress Jindrichuv Hradec
Country Czech_Republic
PostCode 377 01
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Nihovsky
OpeningYear 1953
TunnelAddress Brno
Country Czech_Republic
PostCode 602 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Loucsky
OpeningYear 1953
TunnelAddress Brno
Country Czech_Republic
PostCode 602 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Spicacky
OpeningYear 1878
TunnelAddress Plzen
Country Czech_Republic
PostCode 301 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName Vinohradsky IIIA
OpeningYear 1989
TunnelAddress Praha
Country Czech_Republic
PostCode 110 00
ContactName Bohuslav Stecinsky
ContactPhone +420 972233137
ContactEmail stecinsky@gr.pha.cz
OperaratingAuthority Czech railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Czech_Republic**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**England****TunnelName** Dartford West Bore**OpeningYear** 1963**TunnelAddress** Crossing Offices
South Orbital Way
Dartford
Kent**Country** England**PostCode** DA1 5PR**ContactName** Andrew Mack**ContactPhone** 01322 221603**ContactEmail** andymack@lecrossing.co.uk**OperatingAuthority** Le Crossing Company Ltd**NoOfOperatingStaff** 248**NoOfMaintenanceStaff** 52**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** 70-80**Construction** Circular-Bored**Length(M)** 1000-3000**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 4**Cladding** **CrossPassageways** **VehiclesPerDay** 37500**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**England****TunnelName** Kingsway-Wallasey Tunnel**OpeningYear** 1971**TunnelAddress** Mersey Tunnels
Georges Dock Bldg
Pier Head
Liverpool
L3 1DD**Country** England**PostCode** L3 1DD**ContactName** John Gillard G.M.**ContactPhone** 0151 236 8602**ContactEmail** john.gillard@merseytunnels.co.uk**OperaratingAuthority** merseytravel**NoOfOperatingStaff** 240**NoOfMaintenanceStaff** 120**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** 1000-3000**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 5**Cladding** **CrossPassageways** **VehiclesPerDay** 47000**HgvVehicles** 6-8%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 30**Fatalities** **IncidentComments** No of operating staff (240) includes own police force
There are 1-2 incidents a year leading to fire / accident. No details recorded.

Country**England****TunnelName** Queensway Birkenhead Tunnel**OpeningYear** 1934**TunnelAddress** Mersey Tunnels
c/o Georges Dock Building
Pier Head
Liverpool**Country** England**PostCode** L3 1DD**ContactName** John Gillard**ContactPhone** 0151 236 8602**ContactEmail** john.gillard@merseytunnels.co.uk**OperatingAuthority** MerseyTravel**NoOfOperatingStaff** 240**NoOfMaintenanceStaff** 120**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 4**ContraflowInBore** **TunnelGradient** 5**Cladding** **CrossPassageways** **VehiclesPerDay** 36000**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 2**Fatalities** **IncidentComments** 2 incidents in last 10 years.
Approx 10 escape refuges to be built before 2006.
HGV and Dangerous Goods are banned from entering tunnel.

Country**England**

TunnelName Clyde Tunnel
OpeningYear 1963
TunnelAddress Dumbarton Road
Glasgow
Country England
PostCode G14 9UF
ContactName Marco Bardelli
ContactPhone 0141 287 9449
ContactEmail marco.bardelli@land.glasgow.gov.uk
OperaratingAuthority Glasgow City Council
NoOfOperatingStaff 11
NoOfMaintenanceStaff 3

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 6
Cladding
CrossPassageways

VehiclesPerDay 65000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 1
Fatalities

IncidentComments camper van totally burnt out caused by fuel leak onto the engine

Country **England**

TunnelName Queensway (07912)
OpeningYear 1970
TunnelAddress Birmingham
Country England
PostCode B4
ContactName John Needham
ContactPhone john.needham@birmingham.gov.uk
ContactEmail 0121 303 7664
OperatingAuthority Birmingham City Council
NoOfOperatingStaff 0
NoOfMaintenanceStaff 5

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 4
Cladding
CrossPassageways

VehiclesPerDay 45000
HgvVehicles 4-6%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country **England**

TunnelName Lancaster (07907B)
OpeningYear 1970
TunnelAddress Birmingham
Country England
PostCode B4
ContactName John Needham
ContactPhone 0121 303 7664
ContactEmail john.needham@birmingham.gov.uk
OperatingAuthority Birmingham City Council
NoOfOperatingStaff 0
NoOfMaintenanceStaff 5

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Rectangular-Cut & Cover
Length(M) less than 500
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 4
Cladding
CrossPassageways

VehiclesPerDay 45000
HgvVehicles 4-6%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**England**

TunnelName Holloway (07910B)
OpeningYear 1960
TunnelAddress Birmingham
Country England
PostCode B1
ContactName John Needham
ContactPhone 0121 303 7664
ContactEmail john.needham@birmingham.gov.uk
OperatingAuthority Birmingham City Council
NoOfOperatingStaff 0
NoOfMaintenanceStaff 5

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Rectangular-Cut & Cover
Length(M) less than 500
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 4
Cladding
CrossPassageways

VehiclesPerDay 45000
HgvVehicles 4-6%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**England**

TunnelName St Chads (07903C)
OpeningYear 1970
TunnelAddress Birmingham
Country England
PostCode B4
ContactName John Needham
ContactPhone 0121 303 7664
ContactEmail john.needham@birmingham.gov.uk
OperatingAuthority Birmingham City Council
NoOfOperatingStaff 0
NoOfMaintenanceStaff 5

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Rectangular-Cut & Cover
Length(M) less than 500
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 8
Cladding
CrossPassageways

VehiclesPerDay 45000
HgvVehicles 4-6%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Italy**

TunnelName Piedicastello
OpeningYear 1970
TunnelAddress Trento
Country Italy
PostCode 38100
ContactName Prof. Ing. K. Bergmeister
ContactPhone +39 0461 212611
ContactEmail direzione.technica@autobrennero.it
OperatingAuthority Autostrada del Brennero SpA
NoOfOperatingStaff 25
NoOfMaintenanceStaff 12

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) More than 100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 10800
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 2
Fatalities

IncidentComments
31/08/1996 16.44
A car burst into flames in the tunnel. Two other cars crashed against it and burst into flames as well. None got injured. Three vehicles were involved in the fire. The incident was caused by a technical problem in the first car. The fire could be extinguished within few minutes by the emergency team. No serious damage was registered on the structures and the components of the tunnel.
07/09/2001 09.30
A van lost a mechanical part at the entrance of the tunnel. It stopped on fire on the emergency lane at the exit of the tunnel. A transiting car crashed against the lost materials and was damaged. None got injured. Two vehicles were involved. The incident was caused by a mechanical problem of the van. The fire could be extinguished by the emergency team within few minutes outside of the tunnel. No damage was registered on the structures and components of the tunnel.

Country**Italy****TunnelName** Virgolo (Virgl-Tunnel)**OpeningYear** 1974**TunnelAddress** Bolzano - Bozen (Bolzano-Bozen Province)**Country** Italy**PostCode** 39100**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +39 0461 212611**ContactEmail** direzione.technica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Horse Shoe - Blasting**Length(M)** 500-1000**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 1**Cladding** **CrossPassageways** **VehiclesPerDay** 9300**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 1**Fatalities** **IncidentComments** 17/11/2002 15.21
A car hit the guard rail and burst into flames. Two persons got injured. No other vehicles were involved. The incident was caused by the carelessness of the driver. The flames were extinguished by the emergency team within few minutes. No serious damage was registered on the structures and components of the tunnel.

Country**Italy****TunnelName** Artificiale S. Osvaldo (Sankt Oswald-**OpeningYear** 1974**TunnelAddress** Casterotto - Kasteruth (Bolzano-Bozen Province)**Country** Italy**PostCode** 39040**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +39 0461 212611**ContactEmail** direzione.technica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Horse Shoe - Blasting**Length(M)** less than 500**Width(M)** 3-4**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 2**Cladding** **CrossPassageways** **VehiclesPerDay** 9400**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Italy****TunnelName** Cardano (Kardauner-Tunnel)**OpeningYear** 1974**TunnelAddress** Cornedo all Isarco - Karneid (Bolzano-Bozen Province)**Country** Italy**PostCode** 39050**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +30 0461 212611**ContactEmail** direzione.tecnica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Horse Shoe - Blasting**Length(M)** less than 500**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 2**Cladding** **CrossPassageways** **VehiclesPerDay** 9300**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Italy**

TunnelName	Chiusalta (Hochklausner-Tunnel)
OpeningYear	1974
TunnelAddress	Cornedo all Isarco - Karneid (Bolzano-Bozen Province)
Country	Italy
PostCode	39050
ContactName	Prof. Ing. K. Bergmeister
ContactPhone	+39 0461 212611
ContactEmail	direzione.technica@autobrennero.it
OperatingAuthority	Autostrada del Brennero SpA
NoOfOperatingStaff	25
NoOfMaintenanceStaff	12

TypeOfTunnel	Road
TollTunnel	<input checked="" type="checkbox"/>
DesignSpeed(Km/h)	More than 100
Construction	Horse Shoe - Blasting
Length(M)	less than 500
Width(M)	3-4
Bores	2
LanesPerBore	2
ContraflowInBore	<input type="checkbox"/>
TunnelGradient	3
Cladding	<input checked="" type="checkbox"/>
CrossPassageways	<input checked="" type="checkbox"/>

VehiclesPerDay	9400
HgvVehicles	more than 10%
DangerousGoodsVehicles	2-5%

ForcedVentilation	<input type="checkbox"/>
TunnelLighting	<input checked="" type="checkbox"/>
EmergencyLighting	<input type="checkbox"/>
TunnelDrainage	<input type="checkbox"/>
CCTV	<input type="checkbox"/>
VehicleDetection	<input type="checkbox"/>
FireAlarm	<input type="checkbox"/>
VariableMessageSigns	<input type="checkbox"/>
Radio	<input checked="" type="checkbox"/>
Telephones	<input checked="" type="checkbox"/>
FireExtinguishers	<input checked="" type="checkbox"/>
HoseReels	<input type="checkbox"/>

FireWithinTunnel	<input type="checkbox"/>
HowMany	0
Fatalities	<input type="checkbox"/>

IncidentComments	
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Country**Italy****TunnelName** Tasch (Tusch-Tunnel)**OpeningYear** 1974**TunnelAddress** Renon - Ritten (Bolzano-Bozen Province)**Country** Italy**PostCode** 39054**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +39 0461 212611**ContactEmail** direzione.technica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Horse Shoe - Blasting**Length(M)** less than 500**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 3**Cladding** **CrossPassageways** **VehiclesPerDay** 9400**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Italy**

TunnelName	Gardena Sud (Trostburger-Tunnel)
OpeningYear	1974
TunnelAddress	Ponte Gardena - Waidbruck (Bolzano - Bozen Province)
Country	Italy
PostCode	39040
ContactName	Prof. Ing. K. Bergmeister
ContactPhone	+39 0461 212611
ContactEmail	direzione.technica@autobrennero.it
OperatingAuthority	Autostrada del Brennero SpA
NoOfOperatingStaff	25
NoOfMaintenanceStaff	12

TypeOfTunnel	Road
TollTunnel	<input checked="" type="checkbox"/>
DesignSpeed(Km/h)	More than 100
Construction	Horse Shoe - Blasting
Length(M)	less than 500
Width(M)	3-4
Bores	2
LanesPerBore	2
ContraflowInBore	<input type="checkbox"/>
TunnelGradient	3
Cladding	<input checked="" type="checkbox"/>
CrossPassageways	<input type="checkbox"/>

VehiclesPerDay	9400
HgvVehicles	more than 10%
DangerousGoodsVehicles	2-5%

ForcedVentilation	<input type="checkbox"/>
TunnelLighting	<input checked="" type="checkbox"/>
EmergencyLighting	<input type="checkbox"/>
TunnelDrainage	<input type="checkbox"/>
CCTV	<input type="checkbox"/>
VehicleDetection	<input type="checkbox"/>
FireAlarm	<input type="checkbox"/>
VariableMessageSigns	<input type="checkbox"/>
Radio	<input checked="" type="checkbox"/>
Telephones	<input checked="" type="checkbox"/>
FireExtinguishers	<input checked="" type="checkbox"/>
HoseReels	<input type="checkbox"/>

FireWithinTunnel	<input type="checkbox"/>
HowMany	0
Fatalities	<input type="checkbox"/>

IncidentComments	
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Country**Italy**

TunnelName	Rosa (Kofler-Tunnel)
OpeningYear	1974
TunnelAddress	Castelrotto - Kastelruth (Bolzano - Bozen Province)
Country	Italy
PostCode	39040
ContactName	Prof. Ing. K. Bergmeister
ContactPhone	+39 0461 212611
ContactEmail	direzione.technica@autobrennero.it
OperatingAuthority	Autostrada del Brennero SpA
NoOfOperatingStaff	25
NoOfMaintenanceStaff	12

TypeOfTunnel	Road
TollTunnel	<input checked="" type="checkbox"/>
DesignSpeed(Km/h)	More than 100
Construction	Horse Shoe - Blasting
Length(M)	less than 500
Width(M)	3-4
Bores	2
LanesPerBore	2
ContraflowInBore	<input type="checkbox"/>
TunnelGradient	0
Cladding	<input checked="" type="checkbox"/>
CrossPassageways	<input type="checkbox"/>

VehiclesPerDay	9400
HgvVehicles	more than 10%
DangerousGoodsVehicles	2-5%

ForcedVentilation	<input type="checkbox"/>
TunnelLighting	<input checked="" type="checkbox"/>
EmergencyLighting	<input type="checkbox"/>
TunnelDrainage	<input type="checkbox"/>
CCTV	<input type="checkbox"/>
VehicleDetection	<input type="checkbox"/>
FireAlarm	<input type="checkbox"/>
VariableMessageSigns	<input type="checkbox"/>
Radio	<input checked="" type="checkbox"/>
Telephones	<input checked="" type="checkbox"/>
FireExtinguishers	<input checked="" type="checkbox"/>
HoseReels	<input type="checkbox"/>

FireWithinTunnel	<input type="checkbox"/>
HowMany	0
Fatalities	<input type="checkbox"/>

IncidentComments	
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Country**Italy**

TunnelName Micheletti-Fiè (Voelser-Tunnel)
OpeningYear 1974
TunnelAddress Renon - Ritten (Bolzano-Bozen Province)
Country Italy
PostCode 39054
ContactName Prof. Ing. K. Bergmeister
ContactPhone +39 0461 212611
ContactEmail direzione.tecnica@autobrennero.it
OperatingAuthority Autostrada del Brennero SpA
NoOfOperatingStaff 25
NoOfMaintenanceStaff 12

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) More than 100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 4
Cladding
CrossPassageways

VehiclesPerDay 9400
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Italy****TunnelName** Casterotto (Kastelruther-Tunnel)**OpeningYear** 1974**TunnelAddress** Casterotto - Kastelruth (Bolzano - Bozen Province)**Country** Italy**PostCode** 39040**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +39 0461 212611**ContactEmail** direzione.technica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Horse Shoe - Blasting**Length(M)** less than 500**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 2**Cladding** **CrossPassageways** **VehiclesPerDay** 9400**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Italy**

TunnelName Gardena Nord (Groedner-Tunnel)
OpeningYear 1974
TunnelAddress Lajon - Lajen (Bolzano - Bozen Province)
Country Italy
PostCode 39040
ContactName Prof. Ing. K. Bergmeister
ContactPhone +39 0461 212611
ContactEmail direzione.tecnica@autobrennero.it
OperatingAuthority Autostrada del Brennero SpA
NoOfOperatingStaff 25
NoOfMaintenanceStaff 12

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) More than 100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 9400
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Italy****TunnelName** Funes (Matscholer-Tunnel)**OpeningYear** 1971**TunnelAddress** Chiusa - Klausen (Bolzano - Bozen province)**Country** Italy**PostCode** 39043**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +39 0461 212611**ContactEmail** direzione.tecnica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Horse Shoe - Blasting**Length(M)** less than 500**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 2**Cladding** **CrossPassageways** **VehiclesPerDay** 9000**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Italy****TunnelName** Bressanone (Brixner-Tunnel)**OpeningYear** 1971**TunnelAddress** Bressanone - Brixen (Bolzano - Bozen Province)**Country** Italy**PostCode** 39042**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +39 0461 212611**ContactEmail** direzione.tecnica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Horse Shoe - Blasting**Length(M)** less than 500**Width(M)** 3-4**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 4**Cladding** **CrossPassageways** **VehiclesPerDay** 9000**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Italy****TunnelName** Artificiale Fortezza**OpeningYear** 1971**TunnelAddress** Fortezza - Franzensfeste**Country** Italy**PostCode** 39045**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +39 0461 212611**ContactEmail** direzione.tecnica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Rectangular-Cut & Cover**Length(M)** less than 500**Width(M)** 3-4**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 3**Cladding** **CrossPassageways** **VehiclesPerDay** 8000**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Italy**

TunnelName Fortezza (Franzensfester-Tunnel)
OpeningYear 1971
TunnelAddress Fortezza - Franzensfest
Country Italy
PostCode 39045
ContactName Prof. Ing. K. Bergmeister
ContactPhone +39 0461 212611
ContactEmail direzione.tecnica@autobrennero.it
OperatingAuthority Autostrada del Brennero SpA
NoOfOperatingStaff 25
NoOfMaintenanceStaff 12

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) More than 100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 8000
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Italy**

TunnelName	Artificiale Ponticolo
OpeningYear	1971
TunnelAddress	Brennero - Brenner (Bolzano - Bozen Province)
Country	Italy
PostCode	39041
ContactName	Prof. Ing. K. Bergmeister
ContactPhone	+39 0461 212611
ContactEmail	direzione.technica@autobrennero.it
OperatingAuthority	AUtostrada del Brennero SpA
NoOfOperatingStaff	25
NoOfMaintenanceStaff	12

TypeOfTunnel	Road
TollTunnel	<input checked="" type="checkbox"/>
DesignSpeed(Km/h)	More than 100
Construction	Rectangular-Cut & Cover
Length(M)	less than 500
Width(M)	3-4
Bores	1
LanesPerBore	2
ContraflowInBore	<input type="checkbox"/>
TunnelGradient	4
Cladding	<input checked="" type="checkbox"/>
CrossPassageways	<input type="checkbox"/>

VehiclesPerDay	7600
HgvVehicles	more than 10%
DangerousGoodsVehicles	2-5%

ForcedVentilation	<input type="checkbox"/>
TunnelLighting	<input type="checkbox"/>
EmergencyLighting	<input type="checkbox"/>
TunnelDrainage	<input type="checkbox"/>
CCTV	<input type="checkbox"/>
VehicleDetection	<input type="checkbox"/>
FireAlarm	<input type="checkbox"/>
VariableMessageSigns	<input type="checkbox"/>
Radio	<input type="checkbox"/>
Telephones	<input type="checkbox"/>
FireExtinguishers	<input type="checkbox"/>
HoseReels	<input type="checkbox"/>

FireWithinTunnel	<input type="checkbox"/>
HowMany	0
Fatalities	<input type="checkbox"/>

IncidentComments	
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Country**Italy****TunnelName** Brennero (Brenner-Tunnel)**OpeningYear** 1971**TunnelAddress** Brennero - Brenner (Bolzano - Bozen Province)**Country** Italy**PostCode** 39041**ContactName** Prof. Ing. K. Bergmeister**ContactPhone** +39 0461 212611**ContactEmail** direzione.tecnica@autobrennero.it**OperatingAuthority** Autostrada del Brennero SpA**NoOfOperatingStaff** 25**NoOfMaintenanceStaff** 12**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** More than 100**Construction** Horse Shoe - Blasting**Length(M)** 500-1000**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 3**Cladding** **CrossPassageways** **VehiclesPerDay** 7600**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland**

TunnelName Trzcinsko - Wojanow
OpeningYear 1867
TunnelAddress Trzcinsko - Wojanow
Country Poland
PostCode lack of data
ContactName lack of data
ContactPhone lack of data
ContactEmail lack of data
OperaratingAuthority lack of data
NoOfOperatingStaff 0
NoOfMaintenanceStaff 1

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) 3-4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 50
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Poland****TunnelName** Jedlina Zdroj - Gluszyca**OpeningYear** 1910**TunnelAddress** Jedlina Zdroj - Gluszyca**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 1**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** less than 500**Width(M)** less than 3**Bores** 2**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 10**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland****TunnelName** Bartnica-ćwierki**OpeningYear** 1910**TunnelAddress** Bartnica-ćwierki**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** 1000-3000**Width(M)** more than 4**Bores** 2**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 10**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland**

TunnelName Walbrzych Glowny - Jedlina Dolna
OpeningYear 1970
TunnelAddress Walbrzych Glowny - Jedlina Dolna
Country Poland
PostCode lack of data
ContactName lack of data
ContactPhone lack of data
ContactEmail lack of data
OperaratingAuthority lack of data
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Circular-Bored
Length(M) 1000-3000
Width(M) more than 4
Bores 2
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 50
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Poland****TunnelName** kozlow - tunel**OpeningYear** 1970**TunnelAddress** kozlow - tunel**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** 80-100**Construction** Circular-Bored**Length(M)** 500-1000**Width(M)** 3-4**Bores** 2**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 50**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland****TunnelName** Pilchowice Zapora - Pilchowice Niele**OpeningYear** 1909**TunnelAddress** Pilchowice Zapora - Pilchowice Nielestno**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperatingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 1**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** less than 500**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 10**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland****TunnelName** W-Z Rout Tunnel**OpeningYear** 1956**TunnelAddress** warsaw**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Rectangular-Cut & Cover**Length(M)** less than 500**Width(M)** more than 4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 350**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland**

TunnelName Boguszow Gorce - Unislaw Slaski
OpeningYear 1877
TunnelAddress Boguszow Gorce - Unislaw Slaski
Country Poland
PostCode lack of data
ContactName lack of data
ContactPhone lack of data
ContactEmail lack of data
OperaratingAuthority lack of data
NoOfOperatingStaff 0
NoOfMaintenanceStaff 1

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) more than 4
Bores 2
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 50
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Poland**

TunnelName Tunnel under West Railway Station
OpeningYear 1973
TunnelAddress warsaw
Country Poland
PostCode lack of data
ContactName lack of data
ContactPhone lack of data
ContactEmail lack of data
OperatingAuthority lack of data
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Other
Length(M) less than 500
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 80
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Poland**

TunnelName Dzwgowa Street Tunnel
OpeningYear 1970
TunnelAddress warsaw
Country Poland
PostCode lack of data
ContactName lack of data
ContactPhone lack of data
ContactEmail lack of data
OperaratingAuthority lack of data
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) less than 500
Width(M) 3-4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 300
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Poland****TunnelName** Strzyzow**OpeningYear** 1911**TunnelAddress** Strzyzow**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 1**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** less than 500**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 40**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland****TunnelName** Kowary Gorne - Ogorzelec**OpeningYear** 1940**TunnelAddress** Kowary Gorne - Ogorzelec**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperatingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** 1000-3000**Width(M)** more than 4**Bores** 2**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 10**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland**

TunnelName warsaw underground
OpeningYear 1998
TunnelAddress warsaw
Country Poland
PostCode lack of data
ContactName lack of data
ContactPhone lack of data
ContactEmail lack of data
OperatingAuthority lack of data
NoOfOperatingStaff 10
NoOfMaintenanceStaff 30

TypeOfTunnel Metro
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) more than 3000
Width(M) more than 4
Bores 2
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 100
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Poland****TunnelName** Bardo Slaskie - Lawica**OpeningYear** 1920**TunnelAddress** Bardo Slaskie - Lawica**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 1**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** less than 500**Width(M)** 3-4**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 30**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland**

TunnelName Railway tunnel
OpeningYear 1970
TunnelAddress warsaw
Country Poland
PostCode lack of data
ContactName lack of data
ContactPhone lack of data
ContactEmail lack of data
OperatingAuthority lack of data
NoOfOperatingStaff 10
NoOfMaintenanceStaff 20

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Other
Length(M) 1000-3000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 100
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Poland****TunnelName** Wislostrada Tunnel**OpeningYear** 2003**TunnelAddress** warsaw**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** 70-80**Construction** Rectangular-Cut & Cover**Length(M)** 500-1000**Width(M)** 3-4**Bores** 2**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 400**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland****TunnelName** Lupkow - Palota**OpeningYear** 1874**TunnelAddress** Lupkow - Palota**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 1**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** 500-1000**Width(M)** 3-4**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 50**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland****TunnelName** Zegiestow Zdroj - Milik**OpeningYear** 1910**TunnelAddress** Zegiestow Zdroj - Milik**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 1**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** 500-1000**Width(M)** 3-4**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 60**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland**

TunnelName Ptaszkowa - Kamionna Wielka
OpeningYear 1910
TunnelAddress Ptaszkowa - Kamionna Wielka
Country Poland
PostCode lack of data
ContactName lack of data
ContactPhone lack of data
ContactEmail lack of data
OperaratingAuthority lack of data
NoOfOperatingStaff 0
NoOfMaintenanceStaff 1

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 50
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Poland****TunnelName** Duszyniki Zdroj - Kulin Klodzki**OpeningYear** 1905**TunnelAddress** Duszyniki Zdroj - Kulin Klodzki**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperaratingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 1**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Horse Shoe - Blasting**Length(M)** 500-1000**Width(M)** more than 4**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 40**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Poland****TunnelName** Bystrzyca Klodzka - Dlugopole Zdroj**OpeningYear** 1875**TunnelAddress** Bystrzyca Klodzka - Dlugopole Zdroj**Country** Poland**PostCode** lack of data**ContactName** lack of data**ContactPhone** lack of data**ContactEmail** lack of data**OperatingAuthority** lack of data**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 1**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** less than 500**Width(M)** 3-4**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 50**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country Slovakia-(Slovak_Republic)

TunnelName Besnický
OpeningYear 1934
TunnelAddress Poprad
Country Slovakia-(Slovak_Republic)
PostCode 058 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 27
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Margecansky
OpeningYear 1872
TunnelAddress Presov
Country Slovakia-(Slovak_Republic)
PostCode 080 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Jarabsky II
OpeningYear 1935
TunnelAddress Poprad
Country Slovakia-(Slovak_Republic)
PostCode 058 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 27
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Telgartsky
OpeningYear 1933
TunnelAddress Poprad
Country Slovakia-(Slovak_Republic)
PostCode 058 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 27
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Tahanovsky II
OpeningYear 1954
TunnelAddress -
Country Slovakia-(Slovak_Republic)
PostCode -
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 254
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Tisovecky
OpeningYear 1949
TunnelAddress Rimavska Sobota
Country Slovakia-(Slovak_Republic)
PostCode 979 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 17
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Sohler
OpeningYear 1872
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 19
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Bujanovsky
OpeningYear 1955
TunnelAddress Presov
Country Slovakia-(Slovak_Republic)
PostCode 080 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 190
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Japensky II
OpeningYear 1939
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 48
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Grehelsky I
OpeningYear 1938
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 48
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Pitelovy
OpeningYear 1896
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 19
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Kecka
OpeningYear 1960
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 19
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Hrenca
OpeningYear 1945
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 19
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Bralsky
OpeningYear 1931
TunnelAddress Prievidza
Country Slovakia-(Slovak_Republic)
PostCode 971 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 30
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Lupkowsky
OpeningYear 1874
TunnelAddress Svidnik
Country Slovakia-(Slovak_Republic)
PostCode 089 01
ContactName Slovak railway - department infrastru
ContactPhone +4212505870
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 3
Cladding
CrossPassageways

VehiclesPerDay 6
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Cremosniansky
OpeningYear 1940
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 48
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Nemcovsky
OpeningYear 1943
TunnelAddress -
Country Slovakia-(Slovak_Republic)
PostCode -
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 34
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Blaufuss
OpeningYear 1872
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 19
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Branisko
OpeningYear 2003
TunnelAddress Presov
Country Slovakia-(Slovak_Republic)
PostCode 080 01
ContactName Road and motorway directorate of SI
ContactPhone +421 0424468219
ContactEmail stefan.choma@ssc.sk
OperatingAuthority Road and motorway directorate of SI
NoOfOperatingStaff 2
NoOfMaintenanceStaff 2

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) more than 3000
Width(M) 3-4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 1
Fatalities

IncidentComments data about fire will be given later.
"Number of vehicles per day" field 0 because tunnel has been open on august 2003

Country Slovakia-(Slovak_Republic)

TunnelName Bratislavsky
OpeningYear 1947
TunnelAddress Bratislava
Country Slovakia-(Slovak_Republic)
PostCode 814 52
ContactName Public transport authority Bratislava,
ContactPhone +421 259505950
ContactEmail eldrahy@dpb.sk
OperaratingAuthority Public transport authority Bratislava
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 330
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments Bratislavsky tunnel is only for TRAM - public transport.

Country**Slovakia-(Slovak_Republic)**

TunnelName Hamricky
OpeningYear 1935
TunnelAddress Poprad
Country Slovakia-(Slovak_Republic)
PostCode 058 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 27
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Strecno
OpeningYear 1939
TunnelAddress Presov
Country Slovakia-(Slovak_Republic)
PostCode 080 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 226
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Strecno III
OpeningYear 1870
TunnelAddress Presov
Country Slovakia-(Slovak_Republic)
PostCode 080 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 118
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Strecno II
OpeningYear 1939
TunnelAddress Presov
Country Slovakia-(Slovak_Republic)
PostCode 080 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 108
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Slovakia-(Slovak_Republic)****TunnelName** Ruzbassky**OpeningYear** 1966**TunnelAddress** Poprad**Country** Slovakia-(Slovak_Republic)**PostCode** 058 01**ContactName** Slovak railway - department infrastru**ContactPhone** +421250587003**ContactEmail** ngr@zsr.sk**OperatingAuthority** Slovak railway**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** 70-80**Construction** Horse Shoe - Blasting**Length(M)** 500-1000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 34**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Slovakia-(Slovak_Republic)**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperatingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Strazsky
OpeningYear 1942
TunnelAddress -
Country Slovakia-(Slovak_Republic)
PostCode -
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 40
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Lamacsky
OpeningYear 1900
TunnelAddress Bratislava
Country Slovakia-(Slovak_Republic)
PostCode 811 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 91
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Lamacsky II
OpeningYear 1902
TunnelAddress Bratislava
Country Slovakia-(Slovak_Republic)
PostCode 811 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 87
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Slovakia-(Slovak_Republic)****TunnelName** Jablonicky**OpeningYear** 1898**TunnelAddress** -**Country** Slovakia-(Slovak_Republic)**PostCode** -**ContactName** Slovak railway - department infrastru**ContactPhone** +421250587003**ContactEmail** ngr@zsr.sk**OperatingAuthority** Slovak railway**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Horse Shoe - Blasting**Length(M)** 500-1000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 57**HgvVehicles** more than 10%**DangerousGoodsVehicles** 2-5%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country Slovakia-(Slovak_Republic)

TunnelName Poriadsky
OpeningYear 1928
TunnelAddress Nove Mesto nad Vahom
Country Slovakia-(Slovak_Republic)
PostCode 915 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 34
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Generala Milana Rastislava
OpeningYear 1927
TunnelAddress Vrbovce
Country Slovakia-(Slovak_Republic)
PostCode 906 06
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 23
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Pstruharsky
OpeningYear 1930
TunnelAddress Prievidza
Country Slovakia-(Slovak_Republic)
PostCode 971 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 30
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Milavsky
OpeningYear 1966
TunnelAddress Poprad
Country Slovakia-(Slovak_Republic)
PostCode 058 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 34
HgvVehicles more than 10%
DangerousGoodsVehicles 2-5%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Banskobystricky
OpeningYear 1938
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 48
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Podkranovsky I
OpeningYear 1938
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 48
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Banskostavnický
OpeningYear 1949
TunnelAddress Banska Stavnica
Country Slovakia-(Slovak_Republic)
PostCode 969 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 30
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Jarabsky
OpeningYear 1935
TunnelAddress Poprad
Country Slovakia-(Slovak_Republic)
PostCode 058 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 80-100
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 1
Cladding
CrossPassageways

VehiclesPerDay 27
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Ulmanský
OpeningYear 1939
TunnelAddress Banská Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 48
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Stubniansky
OpeningYear 1930
TunnelAddress Prievidza
Country Slovakia-(Slovak_Republic)
PostCode 971 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 30
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Kolpassky
OpeningYear 1949
TunnelAddress Banska Stiavnica
Country Slovakia-(Slovak_Republic)
PostCode 969 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 2
Cladding
CrossPassageways

VehiclesPerDay 24
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Slovakia-(Slovak_Republic)

TunnelName Dolinsky II
OpeningYear 1939
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 500-1000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 48
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Jablonovsky
OpeningYear 1972
TunnelAddress -
Country Slovakia-(Slovak_Republic)
PostCode -
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 87
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Zlatniansky
OpeningYear 1908
TunnelAddress Utekac
Country Slovakia-(Slovak_Republic)
PostCode -
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Horse Shoe - Blasting
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 21
HgvVehicles 8-10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Slovakia-(Slovak_Republic)**

TunnelName Japensky I
OpeningYear 1939
TunnelAddress Banska Bystrica
Country Slovakia-(Slovak_Republic)
PostCode 974 01
ContactName Slovak railway - department infrastru
ContactPhone +421250587003
ContactEmail ngr@zsr.sk
OperatingAuthority Slovak railway
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) 70-80
Construction Horse Shoe - Blasting
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 48
HgvVehicles more than 10%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country **Spain**

TunnelName San Juan
OpeningYear 0
TunnelAddress CVA
Country Spain
PostCode 46023 Valencia
ContactName 36 Paseo Alameda
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority AUMAR
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 21484
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Spain**

TunnelName Alto Aragon I
OpeningYear 1990
TunnelAddress ARA
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) more than 4
Bores 1
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 5566
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName El Perdon
OpeningYear 2005
TunnelAddress NAV
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) 3-4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments Not in Service

Country**Spain**

TunnelName Txorierrri - La Salve
OpeningYear 2002
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 1000-3000
Width(M) 3-4
Bores 1
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName El Padrun
OpeningYear 1993
TunnelAddress AST
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority AUCALSA
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) more than 4
Bores 2
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 26976
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country Spain

TunnelName Folgoso
OpeningYear 0
TunnelAddress GAL
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 2500
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Spain**

TunnelName Somosierra
OpeningYear 2003
TunnelAddress Madrid
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) 3-4
Bores 2
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments Guadarrama

Country **Spain**

TunnelName El Cadi
OpeningYear 1984
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone 34 93 205 79 09
ContactEmail tunels@tabasacadi.com
OperatingAuthority Tunel Del Cadi, S.A.C.
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) more than 4
Bores 0
LanesPerBore 0
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Spain**

TunnelName Alfonso XIII (Viella)
OpeningYear 1948
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 2
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 4002
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments Second Tube operational in 2005

Country**Spain**

TunnelName Somport
OpeningYear 2002
TunnelAddress N/A
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail www.mfom.es
OperatingAuthority Ministerio de Fomento Direccion Gen
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 2106
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments Not in service

Country**Spain**

TunnelName Dural
OpeningYear 0
TunnelAddress Palencia - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName de La Guia
OpeningYear 0
TunnelAddress Redonela - V.Guisar Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** de Tosas**OpeningYear** 0**TunnelAddress** Ripoll - Puigcerda Frontera Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

<i>TunnelName</i>	San Bernardo
<i>OpeningYear</i>	0
<i>TunnelAddress</i>	Sevilla - Cadiz Line
<i>Country</i>	Spain
<i>PostCode</i>	N/A
<i>ContactName</i>	N/A
<i>ContactPhone</i>	N/A
<i>ContactEmail</i>	N/A
<i>OperaratingAuthority</i>	RENFE
<i>NoOfOperatingStaff</i>	0
<i>NoOfMaintenanceStaff</i>	0

<i>TypeOfTunnel</i>	Rail
<i>TollTunnel</i>	<input type="checkbox"/>
<i>DesignSpeed(Km/h)</i>	Less than 70
<i>Construction</i>	Other
<i>Length(M)</i>	1000-3000
<i>Width(M)</i>	less than 3
<i>Bores</i>	1
<i>LanesPerBore</i>	2
<i>ContraflowInBore</i>	<input type="checkbox"/>
<i>TunnelGradient</i>	0
<i>Cladding</i>	<input type="checkbox"/>
<i>CrossPassageways</i>	<input type="checkbox"/>

<i>VehiclesPerDay</i>	0
<i>HgvVehicles</i>	less than 4%
<i>DangerousGoodsVehicles</i>	less than 2%

<i>ForcedVentilation</i>	<input type="checkbox"/>
<i>TunnelLighting</i>	<input type="checkbox"/>
<i>EmergencyLighting</i>	<input type="checkbox"/>
<i>TunnelDrainage</i>	<input type="checkbox"/>
<i>CCTV</i>	<input type="checkbox"/>
<i>VehicleDetection</i>	<input type="checkbox"/>
<i>FireAlarm</i>	<input type="checkbox"/>
<i>VariableMessageSigns</i>	<input type="checkbox"/>
<i>Radio</i>	<input type="checkbox"/>
<i>Telephones</i>	<input type="checkbox"/>
<i>FireExtinguishers</i>	<input type="checkbox"/>
<i>HoseReels</i>	<input type="checkbox"/>

<i>FireWithinTunnel</i>	<input type="checkbox"/>
<i>HowMany</i>	0
<i>Fatalities</i>	<input type="checkbox"/>
<i>IncidentComments</i>	

Country**Spain****TunnelName** de Barcelona**OpeningYear** 0**TunnelAddress** Tarragona - Barcelona - Francia Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country **Spain**

TunnelName Vallvidrera
OpeningYear 1991
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone 34 93 205 79 09
ContactEmail tunels@tabasacadi.com
OperatingAuthority Tabasa Tunris i Accesos de Barcelo
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) 3-4
Bores 1
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments Evacuation Gallery with 10 Emergency Exits every 250m.

Country**Spain**

TunnelName de Onzurza
OpeningYear 0
TunnelAddress Madrid - Hendaya Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Tunel de Tiana
OpeningYear 0
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Rectangular-Cut & Cover
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 10000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Spain**

TunnelName Variante Lorca
OpeningYear 1988
TunnelAddress MUR
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 11393
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments Shortest Tube 600m

Country**Spain**

TunnelName Calzada superpuerta
OpeningYear 1995
TunnelAddress Madrid
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Rectangular-Cut & Cover
Length(M) 1000-3000
Width(M) more than 4
Bores 1
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 58000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Cerro Gordo
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 1000-3000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 18707
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments Not in Service
Under Construction

Country**Spain**

TunnelName L Argenteria
OpeningYear 0
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 1344
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Torre del Bierzo 2
OpeningYear 0
TunnelAddress CYL
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 12149
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments La Retuerta-Bembibre

Country**Spain**

TunnelName St.Pere de Malesses
OpeningYear 0
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) 3-4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 1344
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

<i>TunnelName</i>	de Orzaurte
<i>OpeningYear</i>	0
<i>TunnelAddress</i>	Madrid - Hendaya Line
<i>Country</i>	Spain
<i>PostCode</i>	N/A
<i>ContactName</i>	N/A
<i>ContactPhone</i>	N/A
<i>ContactEmail</i>	N/A
<i>OperaratingAuthority</i>	RENFE
<i>NoOfOperatingStaff</i>	0
<i>NoOfMaintenanceStaff</i>	0

<i>TypeOfTunnel</i>	Rail
<i>TollTunnel</i>	<input type="checkbox"/>
<i>DesignSpeed(Km/h)</i>	Less than 70
<i>Construction</i>	Other
<i>Length(M)</i>	1000-3000
<i>Width(M)</i>	less than 3
<i>Bores</i>	1
<i>LanesPerBore</i>	2
<i>ContraflowInBore</i>	<input type="checkbox"/>
<i>TunnelGradient</i>	0
<i>Cladding</i>	<input type="checkbox"/>
<i>CrossPassageways</i>	<input type="checkbox"/>

<i>VehiclesPerDay</i>	0
<i>HgvVehicles</i>	less than 4%
<i>DangerousGoodsVehicles</i>	less than 2%

<i>ForcedVentilation</i>	<input type="checkbox"/>
<i>TunnelLighting</i>	<input type="checkbox"/>
<i>EmergencyLighting</i>	<input type="checkbox"/>
<i>TunnelDrainage</i>	<input type="checkbox"/>
<i>CCTV</i>	<input type="checkbox"/>
<i>VehicleDetection</i>	<input type="checkbox"/>
<i>FireAlarm</i>	<input type="checkbox"/>
<i>VariableMessageSigns</i>	<input type="checkbox"/>
<i>Radio</i>	<input type="checkbox"/>
<i>Telephones</i>	<input type="checkbox"/>
<i>FireExtinguishers</i>	<input type="checkbox"/>
<i>HoseReels</i>	<input type="checkbox"/>

<i>FireWithinTunnel</i>	<input type="checkbox"/>
<i>HowMany</i>	0
<i>Fatalities</i>	<input type="checkbox"/>
<i>IncidentComments</i>	

Country**Spain**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Spain**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country **Spain**

TunnelName Del Bruc
OpeningYear 1991
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 1000-3000
Width(M) 3-4
Bores 2
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 29403
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments Second Tube = 830m

Country**Spain**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Spain****TunnelName** Txorierri - Ugasko**OpeningYear** 2002**TunnelAddress** PVA
Near Bilbao**Country** Spain**PostCode** N/A**ContactName** Europistas, Concesionaria espanola,**ContactPhone** 34 94 439 63 00**ContactEmail** europistas.bil@europistas.es**OperaratingAuthority** Tuneles de Artxanda**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** 1000-3000**Width(M)** 3-4**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments** Tuneles De Artxanda, Concesionaria de la Diputacion Foral de Bizkaia, S.A
www.tunelesdeartxanda.com

Country**Spain****TunnelName** de Guadarrama**OpeningYear** 0**TunnelAddress** Villalba - Segovia Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Ikaustaundi
OpeningYear 0
TunnelAddress PVA
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 1000-3000
Width(M) less than 3
Bores 0
LanesPerBore 0
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments Arrasate-Bergara
Works Starts in Feb 2002

Country**Spain****TunnelName** Barcelona Clot**OpeningYear** 0**TunnelAddress** Tarragona - Barceloona - Francia Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Montemajor
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 1000-3000
Width(M) 3-4
Bores 2
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments Not in Service Yet

Country**Spain****TunnelName** Pte. Alcocer**OpeningYear** 0**TunnelAddress** Madrid Atocha - Villaverde Alto (por Orcasitas) Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Piedras Blancas
OpeningYear 0
TunnelAddress Ave Madrid Sevilla Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName de Lleida
OpeningYear 0
TunnelAddress Zaragoza - Barcelona Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Terrasa II
OpeningYear 0
TunnelAddress Zaragoza - Barcelona Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Sabadell**OpeningYear** 0**TunnelAddress** Zaragoza - Barcelona Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Barcelona Rail
OpeningYear 0
TunnelAddress Zaragoza - Barcelona Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments 11,700 m length

Country**Spain**

TunnelName Veredas
OpeningYear 0
TunnelAddress Ave Madrid Sevilla
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** **OpeningYear** **TunnelAddress** **Country** **PostCode** **ContactName** **ContactPhone** **ContactEmail** **OperaratingAuthority** **NoOfOperatingStaff** **NoOfMaintenanceStaff** **TypeOfTunnel** **TollTunnel** **DesignSpeed(Km/h)** **Construction** **Length(M)** **Width(M)** **Bores** **LanesPerBore** **ContraflowInBore** **TunnelGradient** **Cladding** **CrossPassageways** **VehiclesPerDay** **HgvVehicles** **DangerousGoodsVehicles** **ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** **Fatalities** **IncidentComments**

Country**Spain****TunnelName** **OpeningYear** **TunnelAddress** **Country** **PostCode** **ContactName** **ContactPhone** **ContactEmail** **OperaratingAuthority** **NoOfOperatingStaff** **NoOfMaintenanceStaff** **TypeOfTunnel** **TollTunnel** **DesignSpeed(Km/h)** **Construction** **Length(M)** **Width(M)** **Bores** **LanesPerBore** **ContraflowInBore** **TunnelGradient** **Cladding** **CrossPassageways** **VehiclesPerDay** **HgvVehicles** **DangerousGoodsVehicles** **ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** **Fatalities** **IncidentComments**

Country**Spain**

TunnelName Garganta
OpeningYear 0
TunnelAddress Ave Madrid Sevilla Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Fojo del Cabrito
OpeningYear 0
TunnelAddress Zamora - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Piedras de la Sal**OpeningYear** 0**TunnelAddress** Ave Madrid Sevilla Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain****TunnelName** Loma del Partidor**OpeningYear** 0**TunnelAddress** Ave Madrid Sevilla Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country **Spain**

TunnelName

OpeningYear

TunnelAddress

Country

PostCode

ContactName

ContactPhone

ContactEmail

OperaratingAuthority

NoOfOperatingStaff

NoOfMaintenanceStaff

TypeOfTunnel

TollTunnel

DesignSpeed(Km/h)

Construction

Length(M)

Width(M)

Bores

LanesPerBore

ContraflowInBore

TunnelGradient

Cladding

CrossPassageways

VehiclesPerDay

HgvVehicles

DangerousGoodsVehicles

ForcedVentilation

TunnelLighting

EmergencyLighting

TunnelDrainage

CCTV

VehicleDetection

FireAlarm

VariableMessageSigns

Radio

Telephones

FireExtinguishers

HoseReels

FireWithinTunnel

HowMany

Fatalities

IncidentComments

Country**Spain**

TunnelName Tunel de Florida
OpeningYear 0
TunnelAddress Fuso - Collanzo Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority FEVE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

<i>TunnelName</i>	<input type="text" value="Tunel La Escrita"/>
<i>OpeningYear</i>	<input type="text" value="0"/>
<i>TunnelAddress</i>	<input type="text" value="Santandesl - Aranguren"/>
<i>Country</i>	<input type="text" value="Spain"/>
<i>PostCode</i>	<input type="text" value="N/A"/>
<i>ContactName</i>	<input type="text" value="N/A"/>
<i>ContactPhone</i>	<input type="text" value="N/A"/>
<i>ContactEmail</i>	<input type="text" value="N/A"/>
<i>OperaratingAuthority</i>	<input type="text" value="FEVE"/>
<i>NoOfOperatingStaff</i>	<input type="text" value="0"/>
<i>NoOfMaintenanceStaff</i>	<input type="text" value="0"/>

<i>TypeOfTunnel</i>	<input type="text" value="Rail"/>
<i>TollTunnel</i>	<input type="checkbox"/>
<i>DesignSpeed(Km/h)</i>	<input type="text" value="Less than 70"/>
<i>Construction</i>	<input type="text" value="Other"/>
<i>Length(M)</i>	<input type="text" value="1000-3000"/>
<i>Width(M)</i>	<input type="text" value="less than 3"/>
<i>Bores</i>	<input type="text" value="1"/>
<i>LanesPerBore</i>	<input type="text" value="1"/>
<i>ContraflowInBore</i>	<input type="checkbox"/>
<i>TunnelGradient</i>	<input type="text" value="0"/>
<i>Cladding</i>	<input type="checkbox"/>
<i>CrossPassageways</i>	<input type="checkbox"/>

<i>VehiclesPerDay</i>	<input type="text" value="0"/>
<i>HgvVehicles</i>	<input type="text" value="less than 4%"/>
<i>DangerousGoodsVehicles</i>	<input type="text" value="less than 2%"/>

<i>ForcedVentilation</i>	<input type="checkbox"/>
<i>TunnelLighting</i>	<input type="checkbox"/>
<i>EmergencyLighting</i>	<input type="checkbox"/>
<i>TunnelDrainage</i>	<input type="checkbox"/>
<i>CCTV</i>	<input type="checkbox"/>
<i>VehicleDetection</i>	<input type="checkbox"/>
<i>FireAlarm</i>	<input type="checkbox"/>
<i>VariableMessageSigns</i>	<input type="checkbox"/>
<i>Radio</i>	<input type="checkbox"/>
<i>Telephones</i>	<input type="checkbox"/>
<i>FireExtinguishers</i>	<input type="checkbox"/>
<i>HoseReels</i>	<input type="checkbox"/>

<i>FireWithinTunnel</i>	<input type="checkbox"/>
<i>HowMany</i>	<input type="text" value="0"/>
<i>Fatalities</i>	<input type="checkbox"/>

<i>IncidentComments</i>	<input type="text"/>
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Country**Spain**

TunnelName Tunel de Zabalburu
OpeningYear 0
TunnelAddress Aranguren - Bilbao Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority FEVE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Tunel Malespera-S.Adrian**OpeningYear** 0**TunnelAddress** ramal Basturto - Ariz Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** FEVE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Horcajo
OpeningYear 0
TunnelAddress Ave Madrid Sevilla Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** La Canda**OpeningYear** 0**TunnelAddress** Zamora - A Coruna Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Tudela - Veguin
OpeningYear 0
TunnelAddress Tudela Veguin - Lugo Llanera Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Cabanal**OpeningYear** 0**TunnelAddress** Valencia - Tarragona Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Capistrano
OpeningYear 2002
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 18707
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** de Reinos**OpeningYear** 0**TunnelAddress** Venta de BanoEx - Santander Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Villena
OpeningYear 0
TunnelAddress CVA
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 21240
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** AlmonastaSL-Cortegana**OpeningYear** 0**TunnelAddress** Zafra - Huelva Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Paradas
OpeningYear 0
TunnelAddress Zamora - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Ujes
OpeningYear 0
TunnelAddress Zamora - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Lubian**OpeningYear** 0**TunnelAddress** Zamora - A Coruna Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Meirama
OpeningYear 0
TunnelAddress Zamora - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Camba 1
OpeningYear 0
TunnelAddress Zamora - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Camba 2**OpeningYear** 0**TunnelAddress** Zamora - A Coruna Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain****TunnelName** **OpeningYear** **TunnelAddress** **Country** **PostCode** **ContactName** **ContactPhone** **ContactEmail** **OperaratingAuthority** **NoOfOperatingStaff** **NoOfMaintenanceStaff** **TypeOfTunnel** **TollTunnel** **DesignSpeed(Km/h)** **Construction** **Length(M)** **Width(M)** **Bores** **LanesPerBore** **ContraflowInBore** **TunnelGradient** **Cladding** **CrossPassageways** **VehiclesPerDay** **HgvVehicles** **DangerousGoodsVehicles** **ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** **Fatalities** **IncidentComments**

Country**Spain**

TunnelName Canallon
OpeningYear 0
TunnelAddress Zamora - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Sierra pequena**OpeningYear** 0**TunnelAddress** Zamora - A Coruna Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Salgueiros
OpeningYear 0
TunnelAddress Zamora - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName de Canyellas
OpeningYear 0
TunnelAddress Tarragona - Barcelona - Francia Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Padornelo
OpeningYear 0
TunnelAddress Zamora - A Coruna Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** de Argentera**OpeningYear** 0**TunnelAddress** Madrid - Barcelona Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Los Yebenes
OpeningYear 1996
TunnelAddress CLM
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 5562
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Est. Cordoba**OpeningYear** 0**TunnelAddress** Alcazar de San Juan - Sevilla line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain****TunnelName** **OpeningYear** **TunnelAddress** **Country** **PostCode** **ContactName** **ContactPhone** **ContactEmail** **OperaratingAuthority** **NoOfOperatingStaff** **NoOfMaintenanceStaff** **TypeOfTunnel** **TollTunnel** **DesignSpeed(Km/h)** **Construction** **Length(M)** **Width(M)** **Bores** **LanesPerBore** **ContraflowInBore** **TunnelGradient** **Cladding** **CrossPassageways** **VehiclesPerDay** **HgvVehicles** **DangerousGoodsVehicles** **ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** **Fatalities** **IncidentComments**

Country**Spain**

TunnelName Avd. Tenor Fleta
OpeningYear 0
TunnelAddress Madrid - Barcelona Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Sol de Horta
OpeningYear 0
TunnelAddress Madrdi - Barcelona Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Tasconeras
OpeningYear 0
TunnelAddress Madrid - Barcelona Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Elche**OpeningYear** 0**TunnelAddress** Alicante Ba - Alquerias los Ramos Linea**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain****TunnelName** Tarragona Rail 2**OpeningYear** 0**TunnelAddress** Madrid - Barcelona Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain****TunnelName** **OpeningYear** **TunnelAddress** **Country** **PostCode** **ContactName** **ContactPhone** **ContactEmail** **OperaratingAuthority** **NoOfOperatingStaff** **NoOfMaintenanceStaff** **TypeOfTunnel** **TollTunnel** **DesignSpeed(Km/h)** **Construction** **Length(M)** **Width(M)** **Bores** **LanesPerBore** **ContraflowInBore** **TunnelGradient** **Cladding** **CrossPassageways** **VehiclesPerDay** **HgvVehicles** **DangerousGoodsVehicles** **ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** **Fatalities** **IncidentComments**

Country**Spain****TunnelName** Barcelona Rail 1**OpeningYear** 0**TunnelAddress** Madrid - Barcelona Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Medio Celemin
OpeningYear 0
TunnelAddress Madrid - Burgos Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Mata del Aguila
OpeningYear 0
TunnelAddress Madrid - Burgos Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Tunel de Maliano
OpeningYear 0
TunnelAddress CAN
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) more than 4
Bores 1
LanesPerBore 4
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 38750
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** **OpeningYear** **TunnelAddress** **Country** **PostCode** **ContactName** **ContactPhone** **ContactEmail** **OperatingAuthority** **NoOfOperatingStaff** **NoOfMaintenanceStaff** **TypeOfTunnel** **TollTunnel** **DesignSpeed(Km/h)** **Construction** **Length(M)** **Width(M)** **Bores** **LanesPerBore** **ContraflowInBore** **TunnelGradient** **Cladding** **CrossPassageways** **VehiclesPerDay** **HgvVehicles** **DangerousGoodsVehicles** **ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** **Fatalities** **IncidentComments**

Country**Spain**

TunnelName Tunel del Padornelo
OpeningYear 0
TunnelAddress CYL
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Pantano de Alarcon
OpeningYear 0
TunnelAddress CLM
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 7094
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Tarragona Rail 1**OpeningYear** 0**TunnelAddress** Madrid - Barcelona Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities

IncidentComments

Country**Spain****TunnelName** de Palancares**OpeningYear** 0**TunnelAddress** Cuenca - Utiel Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName de Vado-Yeso
OpeningYear 0
TunnelAddress Cordoba - Malaga Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName de la Olmedilla
OpeningYear 0
TunnelAddress Cuenca - Utiel Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Catellbisbal - Mollet 2
OpeningYear 0
TunnelAddress Catellbisbal - Mollet Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) less than 500
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Catellbisbal - Mollet 1**OpeningYear** 0**TunnelAddress** Catellbisbal - Mollet Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Internacional
OpeningYear 0
TunnelAddress Jaca - Canfranc Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Via Raqueta
OpeningYear 0
TunnelAddress Lerida Plana - Reus Tarragona Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Valdelaf - S.S.Reyes**OpeningYear** 0**TunnelAddress** Bifurcacion Canto Blanco - San Sebastian de los Reyes Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Albericia
OpeningYear 0
TunnelAddress CAN
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) more than 4
Bores 1
LanesPerBore 4
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 20000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName La Perruca
OpeningYear 0
TunnelAddress Leon - Gijon Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

<i>TunnelName</i>	Congostinas
<i>OpeningYear</i>	0
<i>TunnelAddress</i>	Leon - Gijon Line
<i>Country</i>	Spain
<i>PostCode</i>	N/A
<i>ContactName</i>	N/A
<i>ContactPhone</i>	N/A
<i>ContactEmail</i>	N/A
<i>OperaratingAuthority</i>	RENFE
<i>NoOfOperatingStaff</i>	0
<i>NoOfMaintenanceStaff</i>	0

<i>TypeOfTunnel</i>	Rail
<i>TollTunnel</i>	<input type="checkbox"/>
<i>DesignSpeed(Km/h)</i>	Less than 70
<i>Construction</i>	Other
<i>Length(M)</i>	1000-3000
<i>Width(M)</i>	less than 3
<i>Bores</i>	1
<i>LanesPerBore</i>	1
<i>ContraflowInBore</i>	<input type="checkbox"/>
<i>TunnelGradient</i>	0
<i>Cladding</i>	<input type="checkbox"/>
<i>CrossPassageways</i>	<input type="checkbox"/>

<i>VehiclesPerDay</i>	0
<i>HgvVehicles</i>	less than 4%
<i>DangerousGoodsVehicles</i>	less than 2%

<i>ForcedVentilation</i>	<input type="checkbox"/>
<i>TunnelLighting</i>	<input type="checkbox"/>
<i>EmergencyLighting</i>	<input type="checkbox"/>
<i>TunnelDrainage</i>	<input type="checkbox"/>
<i>CCTV</i>	<input type="checkbox"/>
<i>VehicleDetection</i>	<input type="checkbox"/>
<i>FireAlarm</i>	<input type="checkbox"/>
<i>VariableMessageSigns</i>	<input type="checkbox"/>
<i>Radio</i>	<input type="checkbox"/>
<i>Telephones</i>	<input type="checkbox"/>
<i>FireExtinguishers</i>	<input type="checkbox"/>
<i>HoseReels</i>	<input type="checkbox"/>

<i>FireWithinTunnel</i>	<input type="checkbox"/>
<i>HowMany</i>	0
<i>Fatalities</i>	<input type="checkbox"/>
<i>IncidentComments</i>	

Country**Spain**

TunnelName El Capricho
OpeningYear 0
TunnelAddress Leon - Gijon
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Sanriella bis
OpeningYear 0
TunnelAddress Leon - Gijon Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName El Padrun bis
OpeningYear 0
TunnelAddress Leon - Gijon Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName El Padrun 2
OpeningYear 0
TunnelAddress Leon - Gijon Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Villanueva de la Sal
OpeningYear 0
TunnelAddress Lerida - Pobla de Segur
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Built.G - El Pajarraco
OpeningYear 0
TunnelAddress Bobadilla - Algeciras Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Spain**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Spain**

TunnelName de Getafe
OpeningYear 0
TunnelAddress Madrid Atocha - Parla Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Madrid Rail 2**OpeningYear** 0**TunnelAddress** Madrid Atocha - Principe Pio Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** more than 3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain****TunnelName** **OpeningYear** **TunnelAddress** **Country** **PostCode** **ContactName** **ContactPhone** **ContactEmail** **OperaratingAuthority** **NoOfOperatingStaff** **NoOfMaintenanceStaff** **TypeOfTunnel** **TollTunnel** **DesignSpeed(Km/h)** **Construction** **Length(M)** **Width(M)** **Bores** **LanesPerBore** **ContraflowInBore** **TunnelGradient** **Cladding** **CrossPassageways** **VehiclesPerDay** **HgvVehicles** **DangerousGoodsVehicles** **ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** **Fatalities** **IncidentComments**

Country**Spain****TunnelName** 12 de Octubre**OpeningYear** 0**TunnelAddress** Madrid Atocha - Villaverde Alto (por Orcasitas) Line**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** RENFE**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Rail**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 1000-3000**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Alto Aragon II
OpeningYear 0
TunnelAddress ARA
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 5566
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Variante de Marbella
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 35000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName tubo de la Risa
OpeningYear 0
TunnelAddress Madrid Atocha - Chamartin Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName La Barosa
OpeningYear 0
TunnelAddress CYL
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 3250
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Maderuelo III
OpeningYear 0
TunnelAddress Madrid - Burgos Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 1000-3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country **Spain**

TunnelName Cotefablo
OpeningYear 1945
TunnelAddress ARA
Linás de Broto-Yesero section
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 996
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Spain**

TunnelName
OpeningYear
TunnelAddress
Country
PostCode
ContactName
ContactPhone
ContactEmail
OperaratingAuthority
NoOfOperatingStaff
NoOfMaintenanceStaff

TypeOfTunnel
TollTunnel
DesignSpeed(Km/h)
Construction
Length(M)
Width(M)
Bores
LanesPerBore
ContraflowInBore
TunnelGradient
Cladding
CrossPassageways

VehiclesPerDay
HgvVehicles
DangerousGoodsVehicles

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany
Fatalities
IncidentComments

Country**Spain**

TunnelName El Estrecho
OpeningYear 0
TunnelAddress GAL
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 3000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Santa Coloma
OpeningYear 0
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Rectangular-Cut & Cover
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 10000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Ugasko - La Salve
OpeningYear 2002
TunnelAddress PVA
Country Spain
PostCode N/A
ContactName Europistas
ContactPhone 34 94 439 63 00
ContactEmail europistas.bil@europistas.es
OperatingAuthority Tuneles de Artxanda
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) 500-1000
Width(M) 3-4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments Tuneles de Artxanda
Concesionaria de la Diputacion Foral de Bizkaia, S.A.
www.tunelesdeartxanda.com

Country**Spain**

TunnelName del Gaitan
OpeningYear 0
TunnelAddress Cordoba - Malaga Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 1
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Cerrado de Calderon
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 21010
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country **Spain**

TunnelName

OpeningYear

TunnelAddress

Country

PostCode

ContactName

ContactPhone

ContactEmail

OperaratingAuthority

NoOfOperatingStaff

NoOfMaintenanceStaff

TypeOfTunnel

TollTunnel

DesignSpeed(Km/h)

Construction

Length(M)

Width(M)

Bores

LanesPerBore

ContraflowInBore

TunnelGradient

Cladding

CrossPassageways

VehiclesPerDay

HgvVehicles

DangerousGoodsVehicles

ForcedVentilation

TunnelLighting

EmergencyLighting

TunnelDrainage

CCTV

VehicleDetection

FireAlarm

VariableMessageSigns

Radio

Telephones

FireExtinguishers

HoseReels

FireWithinTunnel

HowMany

Fatalities

IncidentComments

Country**Spain**

TunnelName Cerro Gordo 1
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 13000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments In service!

Country**Spain**

TunnelName Tunel 1 sentido Sevilla Madrid
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 13500
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country **Spain**

TunnelName Lagos
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 18707
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments

Country**Spain**

TunnelName	Can Llobet
OpeningYear	1991
TunnelAddress	Vallvidrera Tunnels CAT
Country	Spain
PostCode	N/A
ContactName	Tabasa
ContactPhone	34 93 205 79 09
ContactEmail	tunels@tabasacadi.com
OperaratingAuthority	Tabasa Tunrls i Accesos de Barcelo
NoOfOperatingStaff	0
NoOfMaintenanceStaff	0

TypeOfTunnel	Road
TollTunnel	<input checked="" type="checkbox"/>
DesignSpeed(Km/h)	Less than 70
Construction	Other
Length(M)	less than 500
Width(M)	3-4
Bores	2
LanesPerBore	1
ContraflowInBore	<input type="checkbox"/>
TunnelGradient	0
Cladding	<input type="checkbox"/>
CrossPassageways	<input type="checkbox"/>

VehiclesPerDay	0
HgvVehicles	less than 4%
DangerousGoodsVehicles	less than 2%

ForcedVentilation	<input checked="" type="checkbox"/>
TunnelLighting	<input checked="" type="checkbox"/>
EmergencyLighting	<input checked="" type="checkbox"/>
TunnelDrainage	<input type="checkbox"/>
CCTV	<input checked="" type="checkbox"/>
VehicleDetection	<input checked="" type="checkbox"/>
FireAlarm	<input type="checkbox"/>
VariableMessageSigns	<input type="checkbox"/>
Radio	<input type="checkbox"/>
Telephones	<input checked="" type="checkbox"/>
FireExtinguishers	<input checked="" type="checkbox"/>
HoseReels	<input type="checkbox"/>

FireWithinTunnel	<input type="checkbox"/>
HowMany	0
Fatalities	<input type="checkbox"/>
IncidentComments	

Country**Spain****TunnelName** Can Rabella**OpeningYear** 1991**TunnelAddress** Vallvidera Tunnels
CAT**Country** Spain**PostCode** N/A**ContactName** Tabasa**ContactPhone** 34 93 205 79 09**ContactEmail** tunels@tabasacadi.com**OperaratingAuthority** Tabasa Tunrls i Accesos de Barcelo**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** less than 500**Width(M)** 3-4**Bores** 2**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Astillero
OpeningYear 0
TunnelAddress CAN
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) more than 4
Bores 1
LanesPerBore 4
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 38750
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Madrid Rail 1
OpeningYear 0
TunnelAddress Madrid Atocha - Mostoles El Soto Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Falso tunel de Malaga
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Rectangular-Cut & Cover
Length(M) less than 500
Width(M) more than 4
Bores 2
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 21010
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName La Pallaresa (Mosques D'ases)
OpeningYear 1992
TunnelAddress CAT
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperatingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) less than 500
Width(M) more than 4
Bores 2
LanesPerBore 3
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 10000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** **OpeningYear** **TunnelAddress** **Country** **PostCode** **ContactName** **ContactPhone** **ContactEmail** **OperaratingAuthority** **NoOfOperatingStaff** **NoOfMaintenanceStaff** **TypeOfTunnel** **TollTunnel** **DesignSpeed(Km/h)** **Construction** **Length(M)** **Width(M)** **Bores** **LanesPerBore** **ContraflowInBore** **TunnelGradient** **Cladding** **CrossPassageways** **VehiclesPerDay** **HgvVehicles** **DangerousGoodsVehicles** **ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** **Fatalities** **IncidentComments**

Country**Spain****TunnelName** La Floresta**OpeningYear** 1991**TunnelAddress** Vallvidrera Tunnels
CAT**Country** Spain**PostCode** N/A**ContactName** Tabasa**ContactPhone** 34 93 205 79 09**ContactEmail** tunels@tabasacadi.com**OperaratingAuthority** Tabasa Tunris i Accesos de Barcelo**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** less than 500**Width(M)** 3-4**Bores** 2**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Paso C.O'Donnell
OpeningYear 1996
TunnelAddress Madrid
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 2
LanesPerBore 4
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 70000
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities

IncidentComments Urban Tunnel in Madrid

Country**Spain**

TunnelName Tunel del Madrono
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 9015
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain****TunnelName** Villafranca**OpeningYear** 2002**TunnelAddress** Villafranca del Bierzo Tuneles de Piedrafita**Country** Spain**PostCode** N/A**ContactName** N/A**ContactPhone** N/A**ContactEmail** N/A**OperaratingAuthority** DGC**NoOfOperatingStaff** 0**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Other**Length(M)** 500-1000**Width(M)** 3-4**Bores** 2**LanesPerBore** 1**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 0**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments**

Country**Spain**

TunnelName Acebuchal
OpeningYear 0
TunnelAddress AND
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 9015
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Tunel de Torrelavega
OpeningYear 0
TunnelAddress CAN
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority DGC
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Circular-Bored
Length(M) 500-1000
Width(M) more than 4
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 16017
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Somosierra Rail
OpeningYear 0
TunnelAddress Madrid - Burgos Line
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority RENFE
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Rail
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Other
Length(M) more than 3000
Width(M) less than 3
Bores 1
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 0
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Spain**

TunnelName Isaac Peral
OpeningYear 0
TunnelAddress GAL
Country Spain
PostCode N/A
ContactName N/A
ContactPhone N/A
ContactEmail N/A
OperaratingAuthority N/A
NoOfOperatingStaff 0
NoOfMaintenanceStaff 0

TypeOfTunnel Road
TollTunnel
DesignSpeed(Km/h) Less than 70
Construction Rectangular-Cut & Cover
Length(M) less than 500
Width(M) more than 4
Bores 2
LanesPerBore 2
ContraflowInBore
TunnelGradient 0
Cladding
CrossPassageways

VehiclesPerDay 22090
HgvVehicles less than 4%
DangerousGoodsVehicles less than 2%

ForcedVentilation
TunnelLighting
EmergencyLighting
TunnelDrainage
CCTV
VehicleDetection
FireAlarm
VariableMessageSigns
Radio
Telephones
FireExtinguishers
HoseReels

FireWithinTunnel
HowMany 0
Fatalities
IncidentComments

Country**Wales****TunnelName** Pen y clip**OpeningYear** 1993**TunnelAddress** A55
Penmaenmawr**Country** Wales**PostCode** N/A**ContactName** Andy Evans**ContactPhone** 01492 592525**ContactEmail** info@nwales-traffic.co.uk**OperaratingAuthority** NEWTRA**NoOfOperatingStaff** 16**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** 500-1000**Width(M)** 3-4**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 7200**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments** 7200 Vehicles per day based on 5 cars / min

Country**Wales****TunnelName** Conwy**OpeningYear** 1991**TunnelAddress** A55
Conwy**Country** Wales**PostCode** N/A**ContactName** Andy Evans**ContactPhone** 01492 592525**ContactEmail** info@nwales-traffic.co.uk**OperaratingAuthority** NEWTRA**NoOfOperatingStaff** 16**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Rectangular-Immersed Tube**Length(M)** 500-1000**Width(M)** 3-4**Bores** 2**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 7200**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments** Estimated traffic based on 5 cars per minute

Country**Wales****TunnelName** Penmaenbach**OpeningYear** 1989**TunnelAddress** A55
Penmaenbach
Conwy**Country** Wales**PostCode** N/A**ContactName** Andy Evans**ContactPhone** 01492 592525**ContactEmail** info@nwales-traffic.co.uk**OperaratingAuthority** NEWTRA**NoOfOperatingStaff** 16**NoOfMaintenanceStaff** 0**TypeOfTunnel** Road**TollTunnel** **DesignSpeed(Km/h)** Less than 70**Construction** Circular-Bored**Length(M)** less than 500**Width(M)** less than 3**Bores** 1**LanesPerBore** 2**ContraflowInBore** **TunnelGradient** 0**Cladding** **CrossPassageways** **VehiclesPerDay** 7200**HgvVehicles** less than 4%**DangerousGoodsVehicles** less than 2%**ForcedVentilation** **TunnelLighting** **EmergencyLighting** **TunnelDrainage** **CCTV** **VehicleDetection** **FireAlarm** **VariableMessageSigns** **Radio** **Telephones** **FireExtinguishers** **HoseReels** **FireWithinTunnel** **HowMany** 0**Fatalities** **IncidentComments** 7200 Vehicles per day based on 5 cars / min