

Generic information

IM Code	IM61
National line identification	Linea_Merano_Malles
Operational Point at start of Section of Line	ORIS
Operational Point at end of Section of Line	SPONDIGNA
Length of section of line	2.049
Nature of section of line	Regular Sol

Generic information

Identification of track	2821 - 2826
Normal running direction	B

Infrastructure subsystem

Declarations of verification for track

EC declaration of verification for track (INF)	NA (Not applicable)
EI declaration of demonstration for track (INF)	NA (Not applicable)

Performance parameters

TEN classification of track	Off-TEN
Category of Line	P4
Part of a Railway Freight Corridor	NA (Not applicable)
Load capability	NYA
Maximum permitted speed	100
Temperature range	T1 (-25 to +40)
Maximum altitude	885
Existence of severe climatic conditions	Y
TEN GIS identity	NYA
National classification for load capability	D4
Compliance of structures with the High Speed Load Model (HSLM) dynamic load model	NA (Not applicable)
Railway location of structures requiring specific checks	NA (Not applicable)
Document with the procedure(s) for static and dynamic route compatibility checks	NYA

Line layout

Interoperable gauge - removed	Not Provided
Multinational gauges - removed	Not Provided
National gauges - removed	Not Provided
Standard combined transport profile number for swap bodies	NA (Not applicable)
Gauging	G1
Gauging	GI2
Railway location of particular points requiring specific checks	NA (Not applicable)
Document with the transversal section of the particular points requiring specific checks	NA (Not applicable)
Standard combined transport profile number for semi-trailers	NA (Not applicable)
Gradient profile	Vedi FL45 STA e Profilo Pianoaltimetrico
Minimum radius of horizontal curve	698
Specific information	FL 45

Track parameters

Nominal track gauge	1435
Cant deficiency	+122
Rail inclination	20
Existence of ballast	NA (Not applicable)

Switches and crossings

TSI compliance of in service values for switches and crossings	Y
Minimum wheel diameter for obtuse crossings	330

Track resistance to applied loads

Maximum train deceleration	NYA
Use of eddy current brakes	not allowed
Use of magnetic brakes	not allowed
Document with the conditions for the use of eddy current brakes	NA (Not applicable)
Document with the conditions for the use of magnetic brakes	NA (Not applicable)

Health, safety and environment

Use of flange lubrication forbidden	N
Existence of level crossings	Y
Acceleration allowed at level crossing	NA (Not applicable)
Existence of trackside hot axle box detector (HABD)	N
Trackside HABD TSI compliant	NA (Not applicable)
Identification of trackside HABD	NA (Not applicable)
Generation of trackside HABD	NA (Not applicable)
Railway location of trackside HABD	NA (Not applicable)
Direction of measurement of trackside HABD	NA (Not applicable)
Steady red lights required	NYA
Belonging to a quieter route	N

Energy subsystem

Declarations of verification for track

EC declaration of verification for track (ENE)	ID NUMBER: IT/00000586190217/2025/000001
EI declaration of demonstration for track (ENE)	NA (Not applicable)

Contact line system

Type of contact line system	Overhead contact line (OCL)
Energy supply system (Voltage and frequency)	AC 25kV-50Hz
Maximum train current	140 A
Maximum current at standstill per pantograph	NA (Not applicable)
Permission for regenerative braking	Autorizzata senza limitazione
Maximum contact wire height	5,80 m
Minimum contact wire height	4,65 m
Energy supply system TSI compliant	Y
Umax2 for lines referred to in sections 7.4.2.2.1 and 7.4.2.11.1 of Regulation (EU) 1301/2014	NA (Not applicable)

Pantograph

Accepted TSI compliant pantograph heads	Il profilo dell'archetto pantografo AC è conforme alla TSI Loc&Pas § 4.2.8.2.9.2.2 (Archetto 1950 mm) e allo standard EN50367
Accepted other pantograph heads	NA (Not applicable)
Requirements for number of raised pantographs and spacing between them, at the given speed	CEI EN 50367:2022 tab. 9, categoria c.a. tipo C
Permitted contact strip material	Lo strisciante installato sull'archetto è conforme alla TSI Loc&Pas

OCL separation sections

Phase separation	N
Information on phase separation	N
System separation	N
Information on system separation	N
Distance between signboard and phase separation ending	N

Requirements for rolling stock

Current or power limitation on board required	Y
Contact force permitted	CEI EN 50367:2022, tab. 4, sistema c.a. (80 N), tabella 6, sistema c.a.
Automatic dropping device required	Y

Control-command and signalling subsystem

Declarations of verification for track

EC declaration of verification for track (CCS)	NA (Not applicable)
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TSI compliant train protection system (ETCS)

ETCS level	N
ETCS baseline	NA (Not applicable)
ETCS infill necessary for line access	NA (Not applicable)
ETCS infill installed lineside	NA (Not applicable)
ETCS national packet 44 application implemented	NA (Not applicable)
Existence of operating restrictions or conditions	NA (Not applicable)
Optional ETCS functions - removed	Not Provided
Train integrity confirmation from on-board necessary for line access	Per la Safe Consist Length (safe train length) su linea STA è richiesto il SIL 4
ETCS system compatibility	NA (Not applicable)
ETCS M_version	NA (Not applicable)

TSI compliant radio (GSM-R)

GSM-R version	NA (Not applicable)
Additional information on network characteristics	NA (Not applicable)
GPRS for ETCS	NA (Not applicable)
Area of implementation of GPRS	NA (Not applicable)
Need of group 555	NA (Not applicable)
GSM-R networks covered by a roaming agreement	NA (Not applicable)
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GSM-R networks covered by a roaming agreement	NA (Not applicable)
Existence of roaming to public networks	Y
Details on roaming to public networks	TIM: (I), (A) / VODAFONE: (I)
No GSM-R coverage	N
Radio system compatibility voice	N
Radio system compatibility data	N
Number of active GSM-R mobiles (EDOR) or simultaneous communication session on-board for ETCS Level 2 (or level 3) needed to	NA (Not applicable)
Optional GSM-R functions	NA (Not applicable)

Train detection systems fully compliant with the TSI	
Existence of train detection system fully compliant with the TSI	N

Train protection legacy systems	N
Train protection legacy system	ATP MM

Existence of other train protection, control and warning systems installed - removed

Need for more than one: train protection, control and warning system required on-board - removed	Not Provided
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Other radio systems

Other radio systems installed (Radio Legacy Systems)	GSM-P
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Train detection systems not fully compliant with the TSI	
Type of track circuits or axle counter to which specific checks are needed	Circuiti di Binario
Document with the procedure(s) related to the type of track circuits declared in 1.1.1.3.7.1.2	BACC Blocco Automatico a Correnti Codificate
Section with train detection limitation	NA (Not applicable)
Type of train detection system	BACC Blocco Automatico a Correnti Codificate

Transitions between systems	
Existence of switch over between different protection, control and warning systems while running	NA (Not applicable)
Existence of switch over between different radio systems	NA (Not applicable)

Parameters related to electromagnetic interferences	
Existence and TSI compliance of rules for magnetic fields emitted by a vehicle	NA
Existence and TSI compliance of limits in harmonics in the traction current of vehicles	NA

Line-side system for degraded situation	
ETCS level for degraded situation	NA (Not applicable)
Other train protection, control and warning systems for degraded situation	NA (Not applicable)

Brake related parameters	
Availability by the IM of additional information	Y
Documents available by the IM relating to braking performance	PGOS STA
Maximum braking distance requested	750
Rules and restriction	
Existence of rules and restrictions of a strictly local nature	N
Documents regarding the rules or restrictions of a strictly local nature available by the IM	NA