

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-637
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Occurrence Summary

What		Location	
Date of occurrence	24-01-09	Location name	The accident occurred in the PM of Anagni in the ROMA-NAPOLI high speed line
Local time	20:04		
Event type	Other (division in two parts of a train set)	Latitude	
		Longitude	

Description The Italian Ministry take the decision to institute a Commission to determine the causes of the accident

Direct Cause descrip

Final Report

Nam	Desc	Type	Size	Last	Orga	Repo
			0			

Other Attachments

Nam	Desc	Type	Size	Last	Orga	Repo
INCI			1155	6/29		
DEN			576	/201		
TE				2		
FERR				9:59:		
OVIA				28		
RIO				AM		
ANA						
GNI.						
pdf						
Repo			3191	6/29		
rt-ex			67	/201		
tract				2		
-EN-				9:59:		
2401				46		
2009				AM		
.pdf						

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What

Title	Other, 24/01/2009, The accident occurred in the PM of Anagni in the ROMA-NAPOLI high speed line (Italy)		
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Occurrence type	Other	Occurrence Class	Other
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Date of occurrence	24-01-09	Local time	20:04
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Events	Other (division in two parts of a train set)		
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Descriptions

Language	Translation provider		
Description	The Italian Ministry take the decision to institute a Commission to determine the causes of the accident		

Location name	The accident occurred in the PM of Anagni in the ROMA-NAPOLI high speed line		
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Railway System type	Railway	Country	Italy
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Location type	Line	Border Country	
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Line type	Line number		
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Allowed line speed	Km number		
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Latitude	Longitude		
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Location description	The accident occurred in the PM of Anagni in the ROMA-NAPOLI high speed line		
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Additional location in

Location type details	Other (PM Anagni)	Fixed installations	
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Occurrence details

Railway vehicles

Movement type	Long distance passenger train	Train number
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RU	Italy RFI SpA	Wagons overturned
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Train speed at mom	Passengers onboard	
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Vehicle description

Other objects involved in the occurrence

Other objects

Parties involved

IM Involved	Italy - Trenitalia SpA
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RU

	Fatalities	Serious injuries	Minor injuries
Passengers			
Staff			
Level crossing users			
Unauthorised persons			
Others			
Total			

Material consequences

Material Damage Rolling stock Estimated total mate
Damage description There was the damage of connection between 6 and 7 coach of 12 coaches of train set

Images

Name	Description	Type	Size	Last modified	Organization	Repository
0						

Causation

Causes

Language Translation provider

Direct Cause description

Underlying and root causes description

Causation classification

Other (division in two parts of a train set)

- 1 - Coupling system and buffer gear (Caratteristiche tecniche del tenditore inadeguate agli sforzi reali)

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Recommendations
Recommendation

Issuing information

Recommendation title	necessità di un approntamento di modifiche funzionali alla gestione del taglio trazione per interven		
Recommendation ID	1	End implementer	
Status		Addressee	
Issue date	16-07-10		

Recommendation texts

Language	Translation provider
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Recommendations text

necessità di un approntamento di modifiche funzionali alla gestione del taglio trazione per intervento del pressostato di stacco trazione della locomotiva slave, atte a ridurre i livelli di sollecitazione nei ganci di traino

Implementation information

Implementation status	Implementation date
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NSA Response

NIB Comment

Recommendation

Issuing information

Recommendation title	opportunità della registrazione dell'andamento della pressione nella condotta generale in particolar		
Recommendation ID	2	End implementer	
Status		Addressee	
Issue date	16-07-10		

Recommendation texts

Language	Translation provider
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Recommendations text

opportunità della registrazione dell'andamento della pressione nella condotta generale in particolare in corrispondenza dei locomotori di testa e di coda

Implementation information

Implementation status	Implementation date
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Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-637
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NSA Response

NIB Comment

Recommendation

Issuing information

Recommendation title	necessità del dimensionamento dei tenditori a seguito della scrupolosa valutazione delle sollecita		
Recommendation ID	3	End implementer	
Status		Addressee	
Issue date	16-07-10		

Recommendation texts

Language	Translation provider
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Recommendations text

necessità del dimensionamento dei tenditori a seguito della scrupolosa valutazione delle sollecitazioni massime reali

Implementation information

Implementation status	Implementation date
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NSA Response

NIB Comment

Recommendation

Issuing information

Recommendation title	necessità di sostituzione dei tenditori per i quali ci fossero dubbi sul corretto dimensionamento		
Recommendation ID	4	End implementer	
Status		Addressee	
Issue date	16-07-10		

Recommendation texts

Language	Translation provider
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Recommendations text

necessità di sostituzione dei tenditori per i quali ci fossero dubbi sul corretto dimensionamento

Implementation information

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Implementation status	Implementation date
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NSA Response

NIB Comment

Recommendation

Issuing information

Recommendation title	opportunità di una verifica della disciplina riguardante le piombature delle leve di allarme		
Recommendation ID	5	End implementer	
Status		Addressee	
Issue date	16-07-10		

Recommendation texts

Language	Translation provider
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Recommendations text

opportunità di una verifica della disciplina riguardante le piombature delle leve di allarme

Implementation information

Implementation status	Implementation date
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NSA Response

NIB Comment

Recommendation

Issuing information

Recommendation title	necessità di una revisione della disciplina delle procedure atte a registrare lo stato del materiale		
Recommendation ID	6	End implementer	
Status		Addressee	
Issue date	16-07-10		

Recommendation texts

Language	Translation provider
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Recommendations text

necessità di una revisione della disciplina delle procedure atte a registrare lo stato del materiale rotabile e la posizione degli organi di controllo a seguito di incidente o inconveniente ferroviario

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Implementation information

Implementation status	Implementation date
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NSA Response

NIB Comment

Causation links

Other (division in two parts of a train set)

Subsystem - Rolling stock - Wagons - Coupling system and buffer gear (Caratteristiche tecniche del tenditore inadeguate agli sforzi reali)

Other

Subject	Additional recommendation text
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Date	16-07-10
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[Translation provided for information purposes, by the Translation Centre for the bodies of the EU] //

1. Need to prepare functional modifications to shear traction control by means of the pressure switch for the detachment of the slave locomotive in order to reduce stress levels on the tow bars. //

2. Need to record the pressure flow in the general pipe in particular for the head and tail locomotives. //

3. Need to size the tensioners based on a detailed evaluation of actual maximum stress. //

4. Need to replace the tensioners which may be incorrectly sized. //

5. Need to inspect guidelines regarding the lead sealing on the emergency brake handles. //

6. Need for a review of disciplinary procedure when recording the state of rolling stock and the position of the control devices following a rail accident or incident.

Investigation details

Legal Basis	National rules imposed by implementing of the Safety Directive 2004/49/EC - in light of Article 19, §2 of SD - (b) it forms part of a series of accidents or incidents relevant to the system as a whole
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Other reason descrip

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National investigatio

Occurrence creation	28-01-09 10:19:55	Investigator in charge
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Decision to investigate

Declaration date	16-07-10
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Date of IM/RU notific

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Report Type	Final report	Workflow Status	Validated
Report Version	2	Investigation Status	Closed

Other Attachments	Name	Descriptio	Type	Size	Last	Organizati	Repositor
	INCIDENT E FERROVIA RIO ANAGNI.p df			1155576	6/29/2012 9:59:28 AM		
	Report-ex tract-EN-2 4012009. pdf			319167	6/29/2012 9:59:46 AM		

Final Report	Name	Descriptio	Type	Size	Last	Organizati	Repositor
				0			