

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-1160
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Occurrence Summary

What		Location	
Date of occurrence	07-06-11	Location name	ROMA-FI: Montallese-Rigutino Km163+200
Local time	10:55		
Event type	Railway vehicle movement events Trains collision Trains collision with an obstacle	Latitude	
		Longitude	

Description The train AV9452 has done a collision with an excavator that was working close to the railway

Direct Cause descrip fall of the bulldozer from the embankment

Final Report

Nam	Desc	Type	Size	Last	Orga	Repo
Relazione indicazione Romana-Fir enze DD.pdf	Final report + recognition minutes	application/pdf	343227	9/3/2012 12:21:49 PM	Software	

Other Attachments

Nam	Desc	Type	Size	Last	Orga	Repo
			0			

What

Title Trains collision with an obstacle, 07/06/2011, ROMA-FI: Montallese-Rigutino Km163+200 (Italy)

Occurrence type	Railway vehicle movement events Trains collision Trains collision with an obstacle	Occurrence Class	Accident
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Date of occurrence	07-06-11	Local time	10:55
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Events Railway vehicle movement events - Trains collision - Trains collision with an obstacle
Other - Other event (fall of the bulldozer from the embankment)

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Descriptions

Language	English	Translation provider	Information providers own translation
Description	The train AV9452 has done a collision with an excavator that was working close to the railway		

Location name	ROMA-FI: Montallese-Rigutino Km163+200		
Railway System type	Railway	Country	Italy
Location type	Line	Border Country	
Line type		Line number	
Allowed line speed		Km number	
Latitude		Longitude	
Location description	ROMA-FI: Montallese-Rigutino Km163+200		
Additional location in			
Location type details	Other (near a tunnel)	Fixed installations	

Occurrence details

Railway vehicles

Movement type	High speed passenger train	Train number	
RU	Italy Trenitalia SpA	Wagons overturned	
Train speed at mom		Passengers onboard	
Vehicle description			

Other objects involved in the occurrence

Other objects

Parties involved

IM Involved	Italy - RFI SpA	RU	
		Italy - Trenitalia SpA	

	Fatalities	Serious injuries	Minor injuries
Passengers	0	0	
Staff	0	0	
Level crossing users	0	0	
Unauthorised persons	0	0	
Others	0	0	

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Total	0	0
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Material consequences

Material Damage	Rolling stock 3rd party	Estimated total mate
Damage description	slight damages	

Images

Name	Description	Type	Size	Last modified	Organization	Repository
0						

Causation

Causes

Language	English	Translation provider	Information providers own translation
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Direct Cause description

fall of the bulldozer from the embankment

Underlying and root causes description

lack of the regulatory framework

Causation classification

Railway vehicle movement events - Trains collision - Trains collision with an obstacle

Other - Other event (fall of the bulldozer from the embankment)

1 - Regulatory Framework

Recommendations

Recommendation

Issuing information

Recommendation title	necessary training and qualifications of staff of subcontractors		
Recommendation ID	REC-000072	End implementer	NSA
Status	Sent to addressee	Addressee	NSA IM
Issue date	03-08-12		

Recommendation texts

Language	English	Translation provider	Information providers own translation
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Recommendations text

Within the Safety Management System, provide for appropriate measures to ensure that the staff of subcontractors is provided with the necessary training and qualifications required to ensure that such personnel would be able to perform all the manoeuvres necessary to ensure the safety of operation in emergency situations;

Implementation information

Implementation status

Implementation date

Unknown

NSA Response

NIB Comment

Recommendation

Issuing information

Recommendation title Carry out a study finalized to the realization of an automatic system

Recommendation ID REC-000073

End implementer

NSA

Status

Sent to addressee

Addressee

NSA
IM

Issue date

03-08-12

Recommendation texts

Language

English

Translation provider

Information providers own
translation

Recommendations text

Carry out a study finalized to the realization of an automatic system (eg. an "emergency button"), of which equip the contractors that work close to the railway line. In the period necessary for the construction and application of this device, provide the contractors of a mobile communication device of the RFI network, enabled only to emergency calls, in order to allow to send in block the operation in emergency situations, in times much faster than using a mobile communication apparatus

Implementation information

Implementation status

Implementation date

Unknown

NSA Response

NIB Comment

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Recommendation

Issuing information

Recommendation title	Set up a procedure to ensure the presence on the work sites of the safety coordinator		
Recommendation ID	REC-000074	End implementer	NSA
Status	Sent to addressee	Addressee	NSA IM
Issue date	03-08-12		

Recommendation texts

Language	English	Translation provider	Information providers own translation
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Recommendations text

Set up a procedure to ensure the presence on the work sites of the safety coordinator, for the implementation of the provisions of Article 92 of Legislative Decree 81/2008 (National legislation concerning protection of health and safety in the workplaces)

Implementation information

Implementation status	Implementation date
Unknown	

NSA Response

NIB Comment

Recommendation

Issuing information

Recommendation title	Set up a procedure to be included in the Safety Management System, aimed at the assessment of the rolling stock just involved in incidents or accidents		
Recommendation ID	REC-000075	End implementer	NSA
Status	Sent to addressee	Addressee	NSA RU Trenitalia
Issue date	03-08-12		

Recommendation texts

Language	English	Translation provider	Information providers own translation
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Recommendations text

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Set up a procedure to be included in the Safety Management System, aimed at the assessment of the rolling stock just involved in incidents or accidents by technical personnel with appropriate professional training provided throughout the country,. This in order to make technical evaluations that do not refer the decision of resumption of normal driving only to the driving staff which could be subject to constraints of operational nature. Until the aforementioned verification will be performed, degraded driving conditions must be imposed

Implementation information

Implementation status

Implementation date

Unknown

NSA Response

NIB Comment

Causation links

Railway vehicle movement events - Trains collision - Trains collision with an obstacle

Other - Other event (fall of the bulldozer from the embankement)

Systemic factors - Regulatory Framework

Investigation details

Legal Basis National rules imposed by implementing of the Safety Directive 2004/49/EC - in light of Article 19, §2 of SD - (a) the seriousness of the accident or incident

Other reason descrip

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National investigatio		Investigator in charge	
Occurrence creation	14-06-11 10:46:24		
Decision to investigate			
Declaration date	14-06-11		
Date of IM/RU notific			

Report Type	Final report	Workflow Status	Validated
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Report Version	2	Investigation Status	Closed
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Other Attachments	Name	Descriptio	Type	Size	Last	Organizati	Repositor
				0			

Final Report	Name	Descriptio	Type	Size	Last	Organizati	Repositor

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