

Reporting Body	IT Ministero delle infrastrutture e dei trasporti	ID	IT-1078
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Occurrence Summary

What		Location	
Date of occurrence	15-01-11	Location name	Villa San Giovanni (RC)
Local time	01:30	Latitude	
Event type	Railway vehicle movement events Train derailment	Longitude	

Description Derailment and demolition of a pole of the electric traction

Direct Cause descrip

Final Report

Nam	Desc	Type	Size	Last	Orga	Repo
Final repor t.pdf			7015 85	6/29 /201 2 10:0 0:05 AM		

Other Attachments

Nam	Desc	Type	Size	Last	Orga	Repo
			0			

What

Title Train derailment, 15/01/2011, Villa San Giovanni (RC) (Italy)

Occurrence type	Railway vehicle movement events Train derailment	Occurrence Class	Accident
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Date of occurrence	15-01-11	Local time	01:30
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Events Railway vehicle movement events - Train derailment

Descriptions

Language		Translation provider	
Description	Derailment and demolition of a pole of the electric traction		

Location name	Villa San Giovanni (RC)		
Railway System type	Railway	Country	Italy
Location type	Station	Border Country	
Line type		Line number	
Allowed line speed		Km number	

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Latitude		Longitude
Location description	Villa San Giovanni (RC)	
Additional location in		
Location type details	Switches And Crossings	Fixed installations

Occurrence details

Railway vehicles

Movement type	Freight 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

Staff

Level crossing users

Unauthorised persons

Others

Total

Material consequences

Material Damage	Infrastructure Rolling stock	Estimated total mate
Damage description	Electric traction and locomotor	

Images

Name	Description	Type	Size	Last modified	Organization	Repository
0						

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Causation

Causes

Language	Translation provider
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Direct Cause description

Underlying and root causes description

Causation classification

Railway vehicle movement events - Train derailment

- 1 - Switches and crossings (inadequate maintenance status of the switch)
- 2 - Procedures (the operator called "trunk works chief" did not give correct and complete traceability of the checks carried out)

Recommendations

Recommendation

Issuing information

Recommendation title	Having in mind that the direct and immediate causes of the event are due to maintenance deficiencies		
Recommendation ID	1	End implementer	
Status		Addressee	
Issue date	04-05-12		

Recommendation texts

Language	Translation provider
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Recommendations text

Having in mind that the direct and immediate causes of the event are due to maintenance deficiencies of a switch located in the Villa San Giovanni station, which caused the derailment of the locomotive and of the first wagon of the freight train 57369, it is recommended to the Infrastructure Manager to ensure that the procedures, implemented in the "area compartment" where the event occurred, give certainty of solving maintenance, when technical abnormalities or criticalities of the infrastructure are detected or reported, or even critical parts of the infrastructure.

Implementation information

Implementation status	Implementation date
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NSA Response

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NIB Comment

Recommendation

Issuing information

Recommendation title	It is recommended to the National safety Authority (ANSF) to verify the correctness and effectiveness		
Recommendation ID	2	End implementer	
Status		Addressee	
Issue date	04-05-12		

Recommendation texts

Language	Translation provider
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Recommendations text

It is recommended to the National safety Authority (ANSF) to verify the correctness and effectiveness of the procedures included in the Safety Management System RFI SpA with regard to the activities of the professionals involved in the maintenance checks, such as the operators called "Trunk works Chief" and the "Safety Installations Area Chief" .

Implementation information

Implementation status	Implementation date
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NSA Response

NIB Comment

Recommendation

Issuing information

Recommendation title	When there are incidents or accidents , it is recommended to the Infrastructure Manager to immediat		
Recommendation ID	3	End implementer	
Status		Addressee	
Issue date	04-05-12		

Recommendation texts

Language	Translation provider
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Recommendations text

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When there are incidents or accidents , it is recommended to the Infrastructure Manager to immediately identify and preserve the affected areas to allow an accurate relief through the use of appropriate means. Furthermore, these reliefs must be executed with the highest speed and care, giving cognizance and evidence time for the purposes of investigation with certain date and, and also avoid substantial effects on the reactivation of the operation.

Implementation information

Implementation status	Implementation date
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NSA Response

NIB Comment

Causation links

Railway vehicle movement events - Train derailment

Subsystem - Infrastructure - Switches and crossings (inadequate maintenance status of the switch)

Causal factors - Procedures (the operator called "trunk works chief" did not give correct and complete traceability of the checks carried out)

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

Other reason descrip

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National investigatio

Occurrence creation	18-01-11 15:41:15	Investigator in charge
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Decision to investigate

Declaration date	04-05-12
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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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Reporting Body

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Ministero delle infrastrutture
e dei trasporti

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