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| Reporting Body | IT Ministero delle infrastrutture e dei trasporti | ID | IT-2427 |
|----------------|---|----|---------|

Occurrence Summary

| | | | |
|--------------------|---|---------------|-----------------|
| What | | Location | |
| Date of occurrence | 12-05-13 | Location name | Napoli Centrale |
| Local time | 13:50 | Latitude | 40:51:06 North |
| Event type | Railway vehicle movement events Accident to persons caused by RS in motion | Longitude | 14:16:05 East |

Description Investment of shunter during shunting of the train 24302

Direct Cause descrip A sudden, unexpected movement of the train car that, once isolated from the rest of the convoy, hit the shunter

Final Report

| Nam | Desc | Type | Size | Last | Orga | Repo |
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Other Attachments

| Nam | Desc | Type | Size | Last | Orga | Repo |
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What

Title Accident to persons caused by RS in motion, 12/05/2013, Napoli Centrale (Italy)

| | | | |
|-----------------|---|------------------|------------------|
| Occurrence type | Railway vehicle movement events Accident to persons caused by RS in motion | Occurrence Class | Serious accident |
|-----------------|---|------------------|------------------|

| | | | |
|--------------------|----------|------------|-------|
| Date of occurrence | 12-05-13 | Local time | 13:50 |
|--------------------|----------|------------|-------|

Events Railway vehicle movement events - Accident to persons caused by RS in motion

Descriptions

| | | | |
|----------|---------|----------------------|---------------------------------------|
| Language | English | Translation provider | Information providers own translation |
|----------|---------|----------------------|---------------------------------------|

Description Investment of shunter during shunting of the train 24302

| | | | |
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| | | | |
|------------------------|---------------------|----------------|---------------|
| Location name | Napoli Centrale | | |
| Railway System type | Railway | Country | Italy |
| Location type | Marshalling yard | Border Country | |
| Line type | Multiple track | Line number | |
| Allowed line speed | | Km number | |
| Latitude | 40:51:06 North | Longitude | 14:16:05 East |
| Location description | | | |
| Additional location in | | | |
| Location type details | Fixed installations | | |

Occurrence details

Railway vehicles

| | | | |
|---------------------|----------------------------|--------------------|-------|
| Movement type | Shunting operation | Train number | 24302 |
| RU | Italy Trenitalia SpA | Wagons overturned | No |
| Train speed at mom | | Passengers onboard | No |
| Vehicle description | Passenger train (regional) | | |

Other objects involved in the occurrence

Other objects

Parties involved

| | | | |
|-------------|------------------------|----|------------------------|
| IM Involved | Italy - Trenitalia SpA | RU | Italy - Trenitalia SpA |
|-------------|------------------------|----|------------------------|

| | Fatalities | Serious injuries | Minor injuries |
|----------------------|------------|------------------|----------------|
| Passengers | 0 | 0 | 0 |
| Staff | 1 | 0 | 0 |
| Level crossing users | 0 | 0 | 0 |
| Unauthorised persons | 0 | 0 | 0 |
| Others | 0 | 0 | 0 |
| Total | 1 | 0 | 0 |

Material consequences

| | | |
|-----------------|----------------------|-------------|
| Material Damage | Estimated total mate | < 150 000 € |
|-----------------|----------------------|-------------|

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|--------------------|---------------------|
| Damage description | No material damages |
|--------------------|---------------------|

Images

| | | | |
|----------------|---|----|---------|
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Causation

Causes

| | | | |
|----------|---------|----------------------|---------------------------------------|
| Language | English | Translation provider | Information providers own translation |
|----------|---------|----------------------|---------------------------------------|

Direct Cause description

A sudden, unexpected movement of the train car that, once isolated from the rest of the convoy, hit the shunter

Underlying and root causes description

the absence of more specific rules governing the procedures for uncoupling the train

Causation classification

Railway vehicle movement events - Accident to persons caused by RS in motion

1 - Train preparation including putting train together

1 - Procedures

Recommendations

Recommendation

Issuing information

Recommendation title 1

Recommendation ID REC-000248 End implementer RU

Status Sent to addressee Addressee NSA

Issue date 11-06-14

Recommendation texts

| | | | |
|----------|---------|----------------------|---------------------------------------|
| Language | English | Translation provider | Information providers own translation |
|----------|---------|----------------------|---------------------------------------|

Recommendations text

It is recommended to the National Safety Agency to raise awareness to the Railway Companies ensuring that a verification of the operational arrangements relating to the operation of coupling / uncoupling cars, and is valued the opportunity to integrate the modalities of stationing cars through a precise sequence of activities, including, for example:

- the car concerned must first be stably immobilized, perhaps even using the parking brake, ensuring that the "brakes indicators", if any, the color is red;
- before beginning the decoupling maneuver, the appointee must have available on site, as required, a sufficient number of movable scotch blocks to place, as soon as possible, according to current standards, and in any case immediately after disconnecting the electro-pneumatic pipes and having immobilized the vehicle concerned;
- during the maneuver movable scotch blocks will be placed, however, before the maneuvering locomotive is commanded to get away after the decoupling.

Implementation information

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| Implementation status | Implementation date |
| Unknown | |

NSA Response

NIB Comment

Causation links

Railway vehicle movement events - Accident to persons caused by RS in motion

Subsystem - Operation - Operation and traffic management - Train preparation including putting train together

Causal factors - Procedures

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

| | | | |
|-------------------------|-------------------|------------------------|---|
| ID | IT-2427 | Reporting Body | Ministero delle infrastrutture e dei trasporti |
| National investigatio | | | |
| Occurrence creation | 02-07-13 11:45:07 | Investigator in charge | |
| Decision to investigate | 13-05-13 | | |
| Declaration date | 02-07-13 | | |
| 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 |
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| Final Report | Name | Descriptio | Type | Size | Last | Organizati | Repositor |
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