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| Reporting Body | IT Ministero delle infrastrutture e dei trasporti | ID | IT-1084 |
|----------------|---------------------------------------------------------|----|---------|

Occurrence Summary

| | | | |
|--------------------|---------------------------|---------------|--------------------------------------------------------|
| What | | Location | |
| Date of occurrence | 27-01-11 | Location name | Route Policoro-Rocca Imperiale (line Metaponto-Sibari) |
| Local time | 00:45 | | |
| Event type | Other (Death of a worker) | Latitude | |
| | | Longitude | |

Description Death of a worker, swallowed by the chain of the ballast machine.

Direct Cause descrip

Final Report

Other Attachments

| Nam | Desc | Type | Size | Last | Orga | Repo | Nam | Desc | Type | Size | Last | Orga | Repo |
|--------------------------------------------------------------|------|------|---------|-----------------------|------|------|-----|------|------|------|------|------|------|
| Relazione_incidente_ferroviana_linea_Mi_della_27_01_2011.pdf | | | 1259925 | 6/29/2011 10:00:04 AM | | | | | | 0 | | | |

What

Title Other, 27/01/2011, Route Policoro-Rocca Imperiale (line Metaponto-Sibari) (Italy)

| | | | |
|-----------------|-------|------------------|------------------|
| Occurrence type | Other | Occurrence Class | Serious accident |
|-----------------|-------|------------------|------------------|

| | | | |
|--------------------|----------|------------|-------|
| Date of occurrence | 27-01-11 | Local time | 00:45 |
|--------------------|----------|------------|-------|

| | |
|--------|---------------------------|
| Events | Other (Death of a worker) |
|--------|---------------------------|

Descriptions

| | | | |
|----------------|---------------------------------------------------------|----|---------|
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| | | | |
|-------------|-------------------------------------------------------------------|--|--|
| Language | Translation provider | | |
| Description | Death of a worker, swallowed by the chain of the ballast machine. | | |

| | | | |
|------------------------|--------------------------------------------------------|---------------------|-------|
| Location name | Route Policoro-Rocca Imperiale (line Metaponto-Sibari) | | |
| Railway System type | Railway | Country | Italy |
| Location type | Line | Border Country | |
| Line type | | Line number | |
| Allowed line speed | | Km number | |
| Latitude | | Longitude | |
| Location description | Route Policoro-Rocca Imperiale (line Metaponto-Sibari) | | |
| Additional location in | | | |
| Location type details | Other (Policoro (MT)) | Fixed installations | |

Occurrence details

Railway vehicles

| | | |
|---------------------|----------------------------|--------------------|
| Movement type | Infrastructure works train | Train number |
| RU | Italy RFI 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 - RFI SpA |
|-------------|-----------------|-----------------------|

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

Material consequences

| | |
|-----------------|----------------------|
| Material Damage | Estimated total mate |
|-----------------|----------------------|

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Ministero delle infrastrutture
e dei trasporti

Damage description

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 (Death of a worker)

1 - Third party (Human error of the dead worker)

Recommendations

Recommendation

Issuing information

Recommendation title The Infrastructure Manager will take care to invoke those involved in railway yards (internal staff)

Recommendation ID 1 End implementer

Status Addressee

Issue date 26-04-12

Recommendation texts

Language Translation provider

Recommendations text

The Infrastructure Manager will take care to invoke those involved in railway yards (internal staff or outsourcers) to a more careful observance of the regulations on work safety and a more effective adoption of correct procedures to match the standards of safety in the workplaces. This activity may be conducted also invoking stakeholders to the execution of the specific preventive training activity to their employees about the specific uncontrollable risks in different sites and assessment of the implementation of the necessary self briefing by the workers on the prevention measures to be adopted . It is also recommended to the Infrastructure Manager to check that specific clauses will be inserted in the contract documents, in case of outsourcing of works. It is also recommended to the Infrastructure Manager to implement an inspection activity on construction sites , both planned and casual, in order to ensure proper compliance with the rules, in order to

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remove, in serious cases, the subjects and/or compani

Implementation information

| | |
|-----------------------|---------------------|
| Implementation status | Implementation date |
|-----------------------|---------------------|

NSA Response

NIB Comment

Recommendation

Issuing information

| | | | |
|----------------------|-----------------------------------------------------------------------------------------------------|-----------------|--|
| Recommendation title | The National Safety Authority (ANSF) will verify that the machine object of the accident, which was | | |
| Recommendation ID | 2 | End implementer | |
| Status | | Addressee | |
| Issue date | 26-04-12 | | |

Recommendation texts

| | |
|----------|----------------------|
| Language | Translation provider |
|----------|----------------------|

Recommendations text

The National Safety Authority (ANSF) will verify that the machine object of the accident, which was modified in its structure and its size as a result of the impositions of the authority for safety and health at workplaces (ASL of Montalbano Jonico), needs a new technical admission, in order to prevent possible safety problems in railway operation, if it needs to travel on the railway network

Implementation information

| | |
|-----------------------|---------------------|
| Implementation status | Implementation date |
|-----------------------|---------------------|

NSA Response

NIB Comment

| | | | |
|----------------|---------------------------------------------------------|----|---------|
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Recommendation

Issuing information

| | | | |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|
| Recommendation title | The National Safety Authority (ANSF) must impose that the Infrastructure Manager and the Railway Undertakings should inform the NSA if a modification to the infrastructure or to the rolling stock is imposed by any authority other than the NSA, so that the compatibility with standards, regulations and provisions for safety of railway operation can be checked. | | |
| Recommendation ID | 3 | End implementer | |
| Status | | Addressee | |
| Issue date | 26-04-12 | | |

Recommendation texts

| | |
|----------|----------------------|
| Language | Translation provider |
|----------|----------------------|

Recommendations text

The National Safety Authority (ANSF) must impose that the Infrastructure Manager and the Railway Undertakings should inform the NSA if a modification to the infrastructure or to the rolling stock is imposed by any authority other than the NSA, so that the compatibility with standards, regulations and provisions for safety of railway operation can be checked.

Implementation information

| | |
|-----------------------|---------------------|
| Implementation status | Implementation date |
|-----------------------|---------------------|

NSA Response

NIB Comment

Causation links

Other (Death of a worker)
Subsystem - Third party (Human error of the dead worker)

Other

| | |
|---------|--------------------------------|
| Subject | Additional recommendation text |
| Date | 26-04-12 |

(continues Recommendation #1): ...ies that circumvent rules, regulations and contractual agreements in the field.

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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

| | | |
|---------------------|-------------------|------------------------|
| Occurrence creation | 28-01-11 14:28:30 | Investigator in charge |
|---------------------|-------------------|------------------------|

Decision to investigate

| | |
|------------------|----------|
| Declaration date | 26-04-12 |
|------------------|----------|

Date of IM/RU notific

| | | | |
|-------------|--------------|-----------------|-----------|
| Report Type | Final report | Workflow Status | Validated |
|-------------|--------------|-----------------|-----------|

| | | | |
|----------------|---|----------------------|--------|
| Report Version | 2 | Investigation Status | Closed |
|----------------|---|----------------------|--------|

| Other Attachments | Name | Descriptio | Type | Size | Last | Organizati | Repositor |
|-------------------|------|------------|------|------|------|------------|-----------|
| | | | | 0 | | | |

| Final Report | Name | Descriptio | Type | Size | Last | Organizati | Repositor |
|--------------|--------------------------------------------------------------------------------------|------------|------|---------|-----------------------------|------------|-----------|
| | Relazione _incidente _ferroviari o_linea_M _i_del_27 _01_2011 .pdf | | | 1259925 | 6/29/2012 10:00:04 AM | | |