Recommendation(s) Status: Train struck and damaged by equipment cabinet door in Watford Tunnel

This report is based on information provided to the RAIB by the relevant safety authority or public body.

The status of implementation of the recommendations, as reported to us, has been divided into eight categories:

Key to Recommendation Status

| en | Actions to address the recommendation are ongoing. |
|-----------------------|----------------------------------------------------|
| laces Progressing and | |
| lementation On-going) | |

| Closed | ORR consider the recommendation to have been taken into consideration by an end implementer and |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| (replaces Implemented, Implemented by alternative means, and Non- implementation) | evidence provided to show action taken or justification for no action taken. |

| Insufficient response: | The end implementer has not provided sufficient evidence that the recommendation has been taken into | |
|------------------------|------------------------------------------------------------------------------------------------------|--|
| | consideration, or if it has, the action proposed does not address the recommendation, or there is | |
| | insufficient evidence to support no action being taken. | |

| Superseded: | The recommendation has been superseded either by a newer recommendation or actions have | | |
|-------------|-----------------------------------------------------------------------------------------|--|--|
| | subsequently been taken by the end implementer that have superseded the recommendation. | | |

| Awaiting response: | Awaiting initial report from the relevant safety authority or public body on the status of the | |
|--------------------|------------------------------------------------------------------------------------------------|--|
| | recommendation. | |

RAIB concerns on actions taken by organisations in response to recommendations are reflected in this report and are indicated by one of the following:

Red – RAIB has concerns that no actions have been taken in response to a recommendation.

Blue – The blue triangle shows recommendations where the RAIB has concerns that the actions taken, or proposed, are inappropriate or insufficient to address the risk identified during the investigation.

White – The white triangle shows recommendations where the RAIB notes substantive actions have been reported, but the RAIB still has concerns.

Recommendation Status Report



| Report Title Train struck and damaged by equipment cabinet door in Watford Tunnel | | | |
|-----------------------------------------------------------------------------------|------------|--|--|
| Report Number | 12/2015 | | |
| Date of Incident | 26/10/2014 | | |

| Rec No. | Status | RAIB Concern | Recommendation | RAIB Summary of current status |
|------------|------------|--------------|-------------------------------------------------------------------------------|----------------------------------|
| 12/2015/03 | Closed - I | None | | ORR has reported that Siemens |
| | | | | has reported that it has |
| | | | The intent of this recommendation is for Siemens to arrange for an | completed actions taken in |
| | | | independent review of the way in which it manages the risk to safety | response to this |
| | | | critical staff working on infrastructure projects. | recommendation. |
| | | | | ORR proposes to take no |
| | | | Siemens UK should commission an independent review of the | further action unless they |
| | | | implementation of those aspects of its safety management system | become aware that the |
| | | | relating to the welfare of safety critical staff working on infrastructure | information provided becomes |
| | | | projects, including its arrangements for managing fatigue, and take action | inaccurate. |
| | | | as appropriate to rectify any deficiencies found (paragraphs 95a(iv) and | |
| | | | 97). | |
| 12/2015/04 | Closed - I | None | The intent of this recommendation is for Network Rail to reduce the risk | ORR has reported that Network |
| | | | arising from equipment that has the potential to foul the gauge. | Rail has reported that it has |
| | | | | completed actions taken in |
| | | | Network Rail should establish a policy and guidance on managing the risk | response to this |
| | | | from lineside equipment that can foul the gauge, with specific | recommendation. ORR proposes |
| | | | consideration of the siting of equipment in areas of limited clearance and, | to take no further action unless |
| | | | for example, the use of refuges in tunnels for that purpose (paragraph | they become aware that the |
| | | | 95b). | information provided becomes |
| | | | | inaccurate. |
| 12/2015/05 | Closed - I | None | | ORR has reported that |
| | | | | Henry Williams Ltd has reported |
| | | | The intent of this recommendation is for Henry Williams Ltd to conduct a | that it has completed actions |
| | | | review of its railway industry products to assure itself that it has current, | taken in response to this |

Created on 09 June 2023

Recommendation Status Report



| | | | appropriate and complete certification. Henry Williams Ltd, in conjunction with Network Rail as necessary, should review its current range of railway products to ensure that it has full details of the certification associated with each item, and take action as appropriate to rectify any deficiencies found (paragraph 96b). | recommendation. ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate. |
|------------|------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12/2015/06 | Open | None | The intent of this recommendation is for Network Rail to take action to reduce the risk of equipment being installed without contractors being aware of existing limitations on, or conditions of, its use. Network Rail should, in consultation with its suppliers, make improvements to its systems for product acceptance to ensure that all relevant information associated with those products, such as risk assessments, is accessible to potential users. The exercise should consider including a facility to enable each user to include information on its own application of the product that may be beneficial to future users (paragraph 96b). | ORR has reported that Network Rail has a proposed action plan and timescale for delivery to be taken in response to the recommendation. ORR will advise RAIB when actions to address this recommendation have been completed. |
| 12/2015/01 | Closed - I | None | The intent of this recommendation is for Network Rail to eliminate by design, or mitigate, the risk from lineside cabinets fouling the gauge. Network Rail should mandate a requirement in its company standards for a design of cabinet that removes by design the risk of an open door infringing the gauge where the cabinet needs to be located in an area of limited clearance. Where this is not practicable, the design of cabinet should alert staff to an unsecured door (paragraph 95a(i)). | ORR has reported that Network Rail has reported that it has completed actions taken in response to this recommendation. ORR proposes to take no further action unless they become aware that the information provided becomes inaccurate. |
| 12/2015/02 | Open | None | The intent of this recommendation is for Network Rail to make explicit its processes for handing back a work site to reduce the risk arising from the | ORR has reported that Network Rail is taking suitable actions to address the recommendation although an |

Recommendation Status Report



| | railway not being safe and clear for the passage of trains. | accurate plan for full |
|--|-----------------------------------------------------------------------------|---------------------------------|
| | | implementation has not been |
| | Network Rail should implement a means to meet the rule book | formulated. |
| | requirement for the designated person (Engineering Supervisor or Safe | ORR will advise when the status |
| | Work Leader) to confirm to the PICOP that the railway is safe and clear for | of this recommendation changes. |
| | the passage of trains when that designated person is not present on site | |
| | (paragraph 95a(iii)). | |