

Operations and Operations Assurance



Background

The Technical Services Operations Assurance team provide specialist support for the various operational requirements for infrastructure materials being loaded and unloaded to rail vehicles in association with renewing or maintaining the railway.

These services can be provided direct to internal and external customers.

The Challenge

With the increasing frequency of abnormal loads the challenge is to ensure infrastructure traffic is loaded and transported in a safe, secure and compliant manner in order to meet our customers' expectations.

How We Can Help

The Operations Assurance team can provide the following services:

- ▶ specialist technical knowledge associated with the loading and unloading of the various rail vehicles available for existing traffic, new or bespoke traffic
- ▶ specialist technical knowledge on exceptional loads or out of gauge loads
- ▶ develop and publish loading patterns for inclusion into the Network Rail Infrastructure Loading Standards Manual NR/L3/NDS/308
- ▶ operational competencies currently include - loader, load examiner, autoballaster wagon operator, side tipper wagon operator, rail clamping for rail delivery trains (RDT / LWRT) and shunting
- ▶ develop and deliver bespoke training courses to meet operational business requirements
- ▶ deliver work place assessments by accredited assessors
- ▶ offer mentorship programs for operational competencies
- ▶ guidance on compliance, assurance and risk management
- ▶ quality and technical audits on loading systems, examinations and competencies.



Project Experience

- ▶ developed a robust method for the loading and securing of 39m long Vierendeel roof structures for Blackfriars station project
- ▶ implemented a method of loading and securing sleepers in conjunction with the High Output Track Renewal System in order to reduce working at height
- ▶ loaded and secured 2 x 45m long 'H' switches for a high-speed junction during route improvement scheme
- ▶ loaded and secured 36m long out of gauge bridge sections for replacement on the Whitby 9 day blockade
- ▶ exceptional loads authorised and arranged involving the additional netting of contaminated track panels being recovered from Severn tunnel track renewals
- ▶ modification to 200 x rail vehicles undertaken in order to introduce a method of loading and securing of track panels to reduce the risk of working at height to loading staff
- ▶ YKA Osprey introduced.