Risk Assessment - Coaling Operations

Reference No: STE-44570-53
Version No: 2
Assessment Approver: Kevin 'Kev' Jarvis

Covers the delivery by road of coal from supplier to GWSR Toddington site, and the loading of coal into locomotive bunkers and tenders.

Department: Steam Loco
Date Of Assessment: 09 January 2022
Review Due Before: 21 November 2026
Lead Assessor: Ian Butler
Team: Kevin Jarvis

Coaling of steam locos

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Personal Injury Slips, trips, falls, crush, manual handling, falls from height etc.	Volunteers & Staff	1) CRITICAL - Engineering: Vehicle and yard lighting must be used during hours of darkness. - Effective 2) CRITICAL - Engineering: Tele-handler to be fitted with amber flashing warning lights. - Effective 3) CRITICAL - Engineering: When coal is being delivered it should be within the confines of the loco yard and not interfere with the general public. - Effective 4) CRITICAL - Administrative: All loco movements will be in accordance with the GWSR Rule Book. - Effective 5) CRITICAL - Administrative: All staff involved must be trained, competent and certified. - Effective 6) CRITICAL - Administrative: Special competence and certification is required for those driving the tele-handler. - Effective 7) CRITICAL - Administrative: All staff must have undertaken the GWSR Working at Height training. - Effective 8) CRITICAL - Administrative: Loco crew to be aware of the coaling activity, so as not to be affected by drifting dust or coal striking them but can observe to help with loading as a 'banksman'. - Effective 9) CRITICAL - Administrative: All staff are to keep well away from the coal loading point to avoid being hit by falling coal. - Effective 10) CRITICAL - Administrative: Tele-handler driver to be vigilant in case of people moving into the area. - Effective 11) CRITICAL - Administrative: Tele-handler driver must stop if anyone enters the work area. - Effective 12) CRITICAL - Administrative: All coal unloading operations are to be carried out by the contract lorry driver. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	1) Engineering: Consider damping down coal with water before, during and after loading to help minimise dust. - Effective 2) PPE: Consider wearing respiratory protection. - Effective 3) PPE: Consider wearing head protection. - Effective	2 x 4 = 8 Medium - Risk to be minimised and controlled so far as is reasonably practical.	n/a

Score and Control Measure Notes.
Risk is medium due to the impact of a fall of crush injury.
Risk remains medium.

COSHH Assessments

The following COSHH assessments are applicable to this risk assessment:

- COSHH-44635-72 - Coal (Sized) - Miller Argent
- COSHH-44642-73 - Trevithick Ovoids Briquettes
- COSHH-44656-95 - Columbian Steam Coal 50x100mm

Ends