



Gloucestershire Warwickshire Steam Railway Plc
Risk Assessment for Removal & Refitting of Carriage Windows - Carriage and Wagon

Risk Assessment - Removal & Refitting of Carriage Windows

Reference No: CAR-44763-6

Version No: 1

Assessment Approver: Kevin 'Kev' Jarvis

All GWR carriages are subjected to overhaul and maintenance that often requires windows to be removed and refitted. This RA assesses the risks and control measures required for the activity.

Department: Carriage and Wagon

Date Of Assessment: 21 July 2022

Review Due Before: 08 March 2026

Lead Assessor: Roger Exton

Team: Ian Stroud

Removal and refitting of carriage windows.

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S	T	Additional Control Measures	L Overall	S	T	Owner/Action
Health and Safety	Personal Injury from hand tools Improper use of tools or slips etc.	Volunteers & Staff	1) CRITICAL - Administrative: Follow the risk assessment for the safe use of hand tools. - Effective 2) CRITICAL - Administrative: Staff to be experienced and competent in the task. - Effective 3) CRITICAL - PPE: Wear gloves, safety eyewear, safety footwear and overalls - Effective	2 x 1 = 2 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.			None	2 x 1 = 2 Low - Risk			n/a
Health and Safety	Cuts and abrasions Sharp edges and points	Volunteers & Staff	1) CRITICAL - Substitution: Take care to keep hands and other body parts away from sharp edges and pinch points. - Effective 2) CRITICAL - Engineering: Use the correct tools for the job. - Effective 3) CRITICAL - Engineering: Be aware and prepare the job before starting. - Effective 4) CRITICAL - Administrative: Follow the risk assessment for the safe use of hand tools. - Effective 5) CRITICAL - PPE: Wear gloves, safety eyewear, safety footwear and overalls - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.			None	2 x 2 = 4 Low - Risk			n/a
Health and Safety	Personal injury due to strain and sprains Manual Handling issues	Volunteers & Staff	1) CRITICAL - Engineering: Use extra staff to help with lifting components if required. - Effective 2) CRITICAL - Administrative: Be aware of your own limitations. - Effective 3) CRITICAL - Administrative: Don't overstretch or exceed your own capability. - Effective 4) CRITICAL - PPE: Wear gloves, safety eyewear, safety footwear and overalls - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.			1) Administrative: Consider manual handling training. - Effective	2 x 2 = 4 Low - Risk			n/a



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Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S	T	Additional Control Measures	L Overall	S	T	Owner/Action
Health and Safety	Fall from Height Fall from ladders, scaffolding, platforms or out of the vehicle.	Volunteers & Staff	1) CRITICAL - Engineering: All working at height equipment must be inspected, certified and in date. - Effective 2) CRITICAL - Engineering: Those working inside the carriage must not lean out and expose themselves to a risk of falling. - Effective 3) CRITICAL - Engineering: Work from the most appropriate means of access. Platforms and scaffold for long tasks. - Effective 4) CRITICAL - Engineering: Carry out as much work as possible from inside the carriage. - Effective 5) CRITICAL - Administrative: Staff should have completed the GWSR Working at Height training - Effective 6) CRITICAL - Administrative: GWSR Working at Height procedures to be followed. - Effective 7) CRITICAL - Administrative: Don't be distracted by others when working at height. - Effective	2 x 4 = 8	None			2 x 4 = 8	n/a		Medium - Risk to be minimised and controlled so far as is reasonably practical.

COSHH Assessments

The following COSHH assessments are applicable to this risk assessment:

- COSHH-43963-75 - WD-40
Ends