Risk Assessment - Repairing Carriage Floors

Reference No: CAR-44036-86
Version No: 1
Assessment Approver: Kevin 'Kev' Jarvis

This is a task that frequently needs to be undertaken during the refurbishment of Mk 1 coaches. Rotten wood is replaced and sometimes the under frame requires welding and strengthening.

Department: Carriage and Wagon
Date Of Assessment: 24 July 2020
Review Due Before: 06 October 2028
Lead Assessor: A Killey
Team:

Stripping Out Rotten Wood and Corroded Steel

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Injury to Hands, Head or Body An accident with Angle Grinder, Wood Saw or Hand Tool	Volunteers & Staff	1) PPE: Boots, Gloves and Helmet to be worn - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	1 x 2 = 2 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a
Health and Safety	Damage to Hands Due to "Hand Arm Vibration" (HAV) Excessing Use of Angle Grinder	Volunteers & Staff	1) Administrative: Amount of Time Using Angle Grinder to be Limited According to HAV's Exposure Document - Effective	1 x 2 = 2 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	1 x 2 = 2 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a
Health and Safety	Slip/trip/fall Personnel working in carriage falls through gap where floor section removed	Volunteers & Staff	1) Engineering: Temporary floor coverings used to form walkways - Effective 2) PPE: All volunteers wear safety footwear - Effective	2 x 2 = 4 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a
Health and Safety	Foreign object in eye Debris from cutting/removal of panelling. Dirt trapped under panelling. Dirt on underframe	Volunteers & Staff	1) PPE: Volunteers to wear Safety Glasses - Effective	3 x 1 = 3 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	n n n	n/a

Fitting Replacement Wooden Floor Panels

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Tripping or Falling Through Carriage Floor When moving about a coach with no floor panels or with rotten ones.	Volunteers & Staff	1) Engineering: Temporary Panels are Laid Down onto the Steel Underframe - Effective 2) PPE: Personnel Wear PPE - Effective	1 x 2 = 2 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	1 x 2 = 2 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a
Health and Safety	Injury to Hands Working in a Confined Space with Power/Hand Tools	Volunteers & Staff	1) PPE: Personnel wear PPE - 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 to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

Strengthening the Underframe by Welding on Additional Steel

Type	Hazard Cause	Persons Affected	Control Measures	L S T Overall	Additional Control Measures	L S T Overall	Owner/Action
Health and Safety	Burns to Hands Touch Hot Metal during Welding Operations - See Generic Welding RA	Volunteers & Staff	1) PPE: Hand and Eye Protection to be Used when Welding - Effective	3 x 1 = 3 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	None	3 x 1 = 3 Low - Risk to be monitored to ensure it remains adequately controlled to an acceptable level.	n/a

COSHH Assessments

There are no COSHH assessments associated with this risk assessment.

Reference Documents

- Risk Assessment - Electric Arc Welding - Generic RA from 2015 - CW03
- Risk Assessment - Gas Welding and Cutting - Generic RA from 2015 - CW04
- Risk Assessment - Grinding, Sanding and Cutting - Generic RA from 2015

Ends