



**Risk Assessment - Use of private contractor Hi-Ab vehicles**

Reference No: DIE-44523-92  
 Version No: 3  
 Assessment Approver: Kevin Jarvis

Department: Diesel Loco  
 Date Of Assessment: 23 November 2021  
 Review Due Before: 14 January 2029  
 Lead Assessor: Andy Durham  
 Team: Paul Good & Kevin Jarvis

**Use of Hi-Ab vehicles**

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S T	Additional Control Measures	L Overall	S T	Owner/Action
Health and Safety	Injury to persons or damage to equipment whilst loading and unloading Incorrect method, lack of awareness, equipment failure etc.	Volunteers & Staff	1) CRITICAL - Engineering: Barrier off the area to stop unauthorised access if required. - Effective 2) CRITICAL - Engineering: Ensure that the Hi-Ab is located on firm, solid ground that is capable of taking the weight of the vehicle and components to be lifted. - Effective 3) CRITICAL - Engineering: Ensure that all lifting equipment is in good condition, inspected, certified and in-ticket. - Effective 4) CRITICAL - Administrative: Be aware of weather conditions, particularly windspeed. - Effective 5) CRITICAL - Administrative: Ensure that no bystanders or those working close by can be impacted by or affect the lift. - Effective 6) CRITICAL - Administrative: One person is to be appointed the lift supervisor to oversee the operation. This could be the contractor. Both of these roles need to work closely together. - Effective 7) CRITICAL - Administrative: A lift plan should be produced by the contract company. - Effective 8) CRITICAL - Administrative: Identify, eliminate and avoid all pinch points. - Effective 9) CRITICAL - Administrative: Be aware of potential for crush injuries if workers are between the load and road/rail vehicles. Be particularly careful if inside a locomotive when components are being lowered in. - Effective 10) CRITICAL - Administrative: Anyone involved in slinging the load needs to be certified and in-ticket. - Effective 11) CRITICAL - PPE: Safety footwear, overalls, gloves and hard hats should be worn. - Effective	2 x	3 = 6	1) Administrative: Consider carrying out the task on days when volunteer numbers are low and/or trains are not operating - Effective 2) Administrative: Consider producing a separate method statement for complex lifts. - Effective 3) Administrative: Ensure that HoD's are made aware of the activity in case their is any impact to or from others. - Effective	2 x	3 = 6	n/a

**Score and Control Measure Notes.**

Risk is medium due to potential weight of components and subsequent impact.  
 Risk remains medium.

**COSHH Assessments**

There are no COSHH assessments associated with this risk assessment.  
 Ends