



**Risk Assessment - Use of a Weedkilling Train**

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 Assessment Approver: Kevin Jarvis

Department: Global  
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**Spraying weeds from a moving wagon**

Type	Hazard Cause	Persons Affected	Control Measures	L Overall	S T	Additional Control Measures	L Overall	S T	Owner/Action		
Health and Safety	Personal, property or infrastructure damage Falls, collision, chemicals, unfamiliarity	Volunteers & Staff	1) CRITICAL - Engineering: Do not spray in windy weather conditions - Effective 2) CRITICAL - Engineering: Ensure all equipment is firmly fixed and cannot move around - Effective 3) CRITICAL - Engineering: Spraying must not enter water courses - Effective 4) CRITICAL - Engineering: Do not spray during rain or drizzle and plan for 24 hours of dry weather after spraying - Effective 5) CRITICAL - Engineering: Wagon must have a current FTR in place - Effective 6) CRITICAL - Administrative: The GWSR Rule Book is to be followed at all times - Effective 7) CRITICAL - Administrative: All staff to be trained and competent for their roles - Effective 8) CRITICAL - Administrative: All staff involved to hold current PTS - Effective 9) CRITICAL - Administrative: Communication between spraying staff and loco crew to be by agreed hand signals - Effective 10) CRITICAL - Administrative: A supply of clean water is to be available - Effective 11) CRITICAL - Administrative: All safety rails and doors must be in place and closed when the train is moving - Effective 12) CRITICAL - Administrative: Beware of potential for slippery floors - Effective 13) CRITICAL - Administrative: Chemicals to be mixed in accordance with manufacturers instructions - Effective 14) CRITICAL - Administrative: Max spraying speed of 10mph - Effective 15) CRITICAL - Administrative: Prior to first use each day, verify the operation of the mechanical/hydraulic brake by applying and releasing the brake. - Effective 16) CRITICAL - Administrative: Prior to the movement of the wagon, and during movement, ensure that both gates are closed and locked. - Effective 17) CRITICAL - PPE: Safety Boots, chemical coveralls, hi viz to be worn at all times - Effective 18) CRITICAL - PPE: Nitrile gloves and goggles or face shield to be worn when spraying - Effective 19) CRITICAL - PPE: COSHH assessments to be in place for any COSHH materials - Effective 20) CRITICAL - PPE: First aid kit including eye wash to be available - Effective 21) CRITICAL - PPE: Fire Fighting equipment to be available - Effective	2 x	3 =	6	1) Engineering: Consider use of radios for communications - Effective 2) Engineering: Consider setting wind speed limits for spraying. 3-10mph. - Effective 3) PPE: Consider wearing hearing protection - Effective 4) PPE: Consider sun cream protection in good weather conditions - Effective	1 x	3 =	3	n/a

**COSHH Assessments**

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