**Gloucestershire Warwickshire Steam Railway Plc**
**Risk Assessment for Use of a Weedkilling Train - Global**

## Risk Assessment - Use of a Weedkilling Train

Reference No: GLO-46142-58
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Assessment Approver: Kevin Jarvis

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

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