

## Middleton Railway Trust Ltd Risk Assessment for Working Area Visits

The following risk assessment is specific to working area visits that are conducted in accordance with the procedure dated September 2018, and is in addition to existing risk assessments for working areas.

This risk assessment will be reviewed at least every three years or whenever a significant change to the provision of working area visits is made.

This risk assessment is undertaken using the following scoring system:

		Impact / Consequences (C)				
		Insignificant (1)	Minor (2)	Moderate (3)	Major (4)	Severe (5)
Likelihood (L)	Rare (1)	1 – Low	2 – Low	3 – Moderate	4 – Moderate	5 – Moderate
	Unlikely (2)	2 – Low	4 – Moderate	6 – Moderate	8 – Moderate	10 – High
	Possible (3)	3 – Moderate	6 – Moderate	9 – Moderate	12 – High	15 – High
	Likely (4)	4 – Moderate	8 – Moderate	12 – High	16 – High	20 – Extreme
	Almost Certain (5)	5 – Moderate	10 – High	15 – High	20 – Extreme	25 – Extreme

### Assessment

<u>Hazard</u>	<u>What could happen</u>	<u>Mitigation measures</u>	<u>Risk rating</u> (L x C)
Shunting within working area(s)	Visitors/guide could be struck by moving vehicles	Shunting to be ceased during the visit, or the visit paused until an in-progress shunting operation can be suspended	1 x 5 = 5
Slips, trips & falls	Visitors/guide could trip or slip	All walkways must be cleared where practicable, and a route selected that avoids obstructions	1 x 2 = 2
Open pits	Visitors/guide could fall into a pit	Any open pits must be protected by a physical barrier	1 x 4 = 4
Electric welding / plasma cutting	Damage to eyesight by UV radiation	Welding and plasma cutting operations must be ceased during visits	1 x 3 = 3
Lifting & lowering operations	Objects could fall and strike visitors/guide	Any lifting or lowering operations to be suspended during visits. Physical protection to be put in place for any operation that has been suspended and leaves any equipment or components suspended in the air	1 x 3 = 3
Using tools that create sparks and/or debris	Visitors could be struck by particles or debris	Any operation that produces sparks or debris to be suspended during the visit being in close proximity to the activity being undertaken	1 x 2 = 2

Machining operations	Visitors could be struck by particles or even workpieces being thrown off	Machining operations to be suspended during the visit being in close proximity to the activity being undertaken	1 x 2 = 2
Operations for which ear defenders are required	Difficulties of communication, and possible damage to hearing	Any operation that produces noise requiring the operative to wear ear protection to be suspended during the visit being in close proximity to the activity being undertaken	1 x 2 = 2
Locomotives in steam	Visitors could touch hot surfaces, or scalded by steam or water leaks	Guides must warn visitors to keep clear, use a physical barrier if necessary	1 x 2 = 2
Risk of theft or damage to equipment	Theft and/or damage to equipment or materials	Guide/requestor to ensure visit is well-intentioned	1 x 2 = 2
Injury whilst taking photos	Visitor injuring themselves/another by attempting to take a photo or video whilst moving	Safety brief to outline how photos may be taken, but only when stationary, and the guide can facilitate this as necessary through the visit	1 x 2 = 2
Children in the workshop	Injury by wandering off or touching some equipment or materials	Procedure requires children to be directly supervised and is covered under safety briefing	1 x 2 = 2