

RISK ASSESSMENT FORM

STRTA-09

Dept. Name:	Engineering Workshop	RA no*:		Rev No.*		Date:	
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Work / Activity Details: . Moving Coaches over the Inspection Pit.

Sect.1. Risk Assessment Table

Sub Task/Activity	Hazards Identified	RA Criteria (People/Environment/Property/Process)	Consequences	Existing Control Measures	Severity** Rating (A) of consequences with existing controls	Likelihood** Rating (B) (Refer Table in Sect.2)	Risk Level** (A x B)	Additional Controls (if any)	Person Responsible	Agreed time	New Severity Rating(A1)	New Likelihood Rating(B1)	Residual Risk (A1 x B1)	Decision to
Moving coach into the workshop from entrance trackway	Hitting obstacles	People. Property	Injury. Damage to property	Ensure no persons are outside yellow walkway lines, into working area. Ensure guard chains are fitted round the pit and only one end open for the coach.	3	3	9	Ensure there are look outs posted and single person guiding the locomotive driver.			2	2	4	Y
				Ensure no obstacles present in way or on the s trackway.	3	3	9	As above			2	2	4	Y
Moving coaches over the inspection pit	Obstacles on trackway	People. Property	Injury.	Ensure no obstacles present in way or on the s trackway.	3	2	6	Ensure there are no persons in the inspection pit prior to coach movement			2	2	4	Y
Holding coaches on the trackway.	Unwanted movement of coaches.	People	Injury	When coach is over the inspection pit, scotch's are to be fitted on wheels.	3	2	6							Y
Working under coaches.	Unwanted movement of coaches.	People	Injury	Locomotive to be uncoupled from the coach when the scotch's are fitted and moved well	3	2	6							Y

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				clear before entering inspection pit										
Moving coach to access bogies.	Unwanted excessive movement	People	Injury	Coach to be propelled by hand only. (Coaches can v be rolled by pushing on the coach ends or bogie) Scotch to be fitted on completion of movement..	3	2	6							Y

- *Numbering guidance: a. New RA No. if it is a fresh case. b. Old RA No. with new date if no change is hazards. c. Old RA No. inserting Rev. No & new date if there are additional Hazards
- ** Refer RA Matrix (Sect.2 Table 1,2,3, of this Form for Hazards / Consequences Evaluation (Likelihood/Severity) to People, Environment and/or Property / Commercial aspects as applicable to arrive at ratings of (A) & (B).
- *** Refer Risk Level table (Sect.2 Table 4 of this form)). .If results are either in yellow or red consider additional measures to mitigate the risk.
- ‘Contingency Plans’ to limit the impact of unplanned occurrences/ failure of control measures to be discussed and recorded in the section below.
- During review of the RA process, if scope for improvement of the documented HSE procedure for the operation/activity is identified, same should be recorded in the comments section below.
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Contingency Plans :

Comments :

Signed:

Date

Reviewer’s Comments:

Signed:

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Name / Position / Signature

Date

SECT 2: Risk Ranking Matrices & Risk Level Tables

TABLE 1 : - PEOPLE			(Severity of)Consequence-A				
			FAC: First Aid Case	LTI: Lost Time Incident	Hospital: Injury requiring Hospitalization or LTI >24hours	Perm Disability: Injury resulting in permanent disability	Fatality: Injury resulting in death
Likelihood Of Consequence)- B	Rating		1	2	3	4	5
	Happened several times per annum in a location/ship (Very likely)	5	5	10	15	20	25
	Happened several times per annum within the company (Likely)	4	4	8	12	16	20
	Happened within our company at least once (Unlikely)	3	3	6	9	12	15
	Heard Within the industry (Highly unlikely)	2	2	4	6	8	10
	Never heard within the industry (Almost NIL chances)	1	1	2	3	4	5

TABLE 2: PROPERTY / COMMERCIAL			(Severity of)Consequence-A				
			GBP 10. Damage to property/equipment	GBP 50. Damage to property/equipment	GBP 100. Damage to property/equipment	GBP 500. Damage to property/equipment	GBP 1000 Damage to property/equipment
Likelihood Of Consequence)- B	Rating		1	2	3	4	5
	Happened several times per annum in a location/ship (Very likely)	5	5	10	15	20	25
	Happened several times per annum within the company (Likely)	4	4	8	12	16	20
	Happened within our company at least once (Unlikely)	3	3	6	9	12	15
	Heard Within the industry (Highly unlikely)	2	2	4	6	8	10
	Never heard within the industry (Almost NIL chances)	1	1	2	3	4	5

TABLE 3 : RA - MATRIX FOR MOC			(Severity of) Consequence (To be defined)\#* - A				
			Negligible	Minor	Moderate	Major	Catastrophic
Likelihood	Rating		1	2	3	4	5

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Very likely	5	5	10	15	20	25
Likely	4	4	8	12	16	20
Unlikely	3	3	6	9	12	15
Highly unlikely	2	2	4	6	8	10
Almost NIL chances	1	1	2	3	4	5

Table 4: <u>Risk Levels</u>	Meaning	Action
1 - 7	Tolerable	Risk is acceptable and job can be undertaken. Consideration may be given for further reduction of risk if reasonably possible. However, in case value is above 4, continuous monitoring is required to ensure existing controls are maintained.
8 - 11	Moderate	Efforts are to be made to reduce the risk by placing additional controls with an aim to bring down Risk Level to Green zone.
12 - 25	Substantial	Efforts are to be made to reduce the risk to green/yellow rating by placing additional controls and taking appropriate action as defined above. However, If the final risk level is in the red zone then no job shall be undertaken. Until the final risk level is reduced so that it is no longer in the red zone the job shall not be undertaken."