

Serial No.	Equipment	Location	Job description: Wagon schedule maintenance			
JSA performed by:	Reviewed & Approved by	Signature	Date of Issue	Date of revision		Revision No-
HAZARD TEXT/TYPE (For reference to identify the Hazard type)						
PHYSICAL HAZARDS	PHYSICAL HAZARDS	ELECTRICAL HAZARDS	CHEMICAL/ GAS	EXCAVATION	OTHERS	
Noise	Force (Push/Pull)	Shock/ Electrocutation	Flammable/ Explosive substances	Collapse/Sliding	Fire	
Radiation	Caught in/on or between	Static electricity	Inhalation of toxic fumes	Underground live cable damage	Heavy Wind/Rain	
Confined space	Struck by/against	Arcflash/ blast	Ingestion/Absorption	ERGONOMICS	Dust exposure	
Exposure to pressurised Steam/Air	Extreme weather (Hot/Cold)	BIOLOGICAL HAZARDS	Body/Eye Contact	Poor Posture	Oil spill	
Contact with Hot surface	Poor illumination	Snake/Insect bite/Virus infection	Spillage	Repeatative motion	Human factor	
PPEs to be used						
Tools required						
Important Note- While deciding hazard control measures, consider hierarchy of hazard control steps in order of preference.						
SEQUENCE OF BASIC STEPS	SAFETY, HEALTH & ENVIROMENT HAZARDS	SAFE JOB STEPS / HAZARD CONTROL MEASURES				Are control Measures adequate to mitigate the risk
		Elimination/ Substitution	Engineering	Administrative	PPE	
Lefting of wagon body (superstrustructure) by screwjack from wagon body .	Failure or fault operation of mamco screwjacks resulting in fallingdown of wagon body injury.		Parmite/JsA shoud be current. Inform affected parties before commencing isilation.	care should be taken during operation of momco screwjacks	PPE must be used as applicable in the work/clearance certificate.	High
Arjustment of bottom door of wagon door and complete door mechanism	Fatal injuries during adjustmentof wagon door.		Inform affected parties before op[erate wagon door.	No one can be allow to enter below bogie during opening or closing the wagon door	PPE must be used as applicable in the work.	High
Clening of dust collector &D.V filter including all Brake systsem components .	During operating dust collector &D.V filter there is a possibility of hand injury .Dust ma cause eye & nasal irritation			Relise air presser and open dust collector	PPE must be used as applicable in the work.	
Cutting & Welding of M.S plate/MS,Pipe/hinges in wagon superstrustructure welding of side wall , end wall and under frame	During cutting & welding exposure of gas may cause eye &burn enjny.		Cutting or welding must be parmite only in ares that are or have been made fire safe.		Used cutting gloves,cutting glass,welding helmet,safety shoes dust mask,hand gloves,welding aprons during working hours	High
Replacement of break block.	During opening of brake block there is a possibility of hand injury.				PPE must be used as applicable in the work.	
Painting of wagon superstructure.	Colour may be fallen in eyes . Skin irretated.			care should be taken during painting.	Used proper PPE safety glass and glooves must be used at the time of painting.	
Dismantling & regreasing of wagon wheel axle bearing	During dismentilling ®resing falling of bearing parts may cause legs &body injuries.				PPE must be used as applicable in the work.	High
Emergency Safety Measures (Rescue/Fire Brigade etc): Contact MCR or inform to emergency contact no.			Emergency Contacts-Main Control Room- 222, 233,244, Fire- 777, 222257, Ambulance- 248/337, Hospital-666			
Overall Job Risk Category-						
JSA Review during PJB:						

Pre Job Briefing (PJB) is applicable to all persons involved with the task.

Pre Job Briefing (PJB) Acknowledgement: I undertake that the JSA is communicated to me effectively

Name	Agency's name	Signature