

RISK ASSESSMENT

Pre-Start Hazard Assessment (PHA) – Service Truck & Small Rigid Truck Operation

Form Reference:	ISO-BMS-RA-026
Plant/Vehicle/Machine Type:	6x4 Service Truck (Prime Quip, ST04) / Fuso FEA61BR3SFBC Small Rigid Trucks
Project/Location:	

Purpose & Scope: This Pre-Start Hazard Assessment (PHA) identifies the tasks, hazards, and required control measures for the safe operation of this vehicle across Consolidated Group of Companies (CG/CTS/JG) sites, including Pilbara mining and civil construction environments. It must be read, understood, and signed by every operator prior to first use, and reviewed whenever conditions, plant, or the system of work change.

ALL OPERATORS MUST SIGN BELOW TO ACKNOWLEDGE THEY HAVE READ AND UNDERSTOOD THIS PHA, AT LEAST ONCE, PRIOR TO THE OPERATION OF THIS MACHINE.

Name	Date	Time	Signature

Approval & Sign-Off

Supervisor/s Responsible for this Document:	
Full Name:	
Location/Project ID:	
Date:	
Signature:	

Follow-Up Review Triggers

Follow-up trigger – review this PHA on change to: use of plant, system of work, plant environment, new information, or plant modification.	Y	N
Is the plant designed to perform the task?	☐	☐
Has the plant been modified from the original condition?	☐	☐

Follow-up trigger – review this PHA on change to: use of plant, system of work, plant environment, new information, or plant modification.	Y	N
Is the plant in good working condition and free of leaks, damage, mud and vegetation build-up?	☐	☐
All identified action items closed out/addressed (plant checks)?	☐	☐
Is the plant safe to operate? (on completion of PHA and any action closures)	☐	☐

Task, Hazard & Control Assessment

Task	Hazard	Initial Risk	Current Control Measures	Residual Risk	Responsible
PRE-START					
Operator competency & fitness for work	Unqualified, unlicensed, unfit, or fatigued operator	H17	- Operator holds current VOC (Verification of Competency) for this specific plant item and has completed site induction. - Fit for Work declaration completed; zero tolerance for alcohol and non-prescription drugs. - No operation while affected by fatigue, medication, drugs or alcohol - report to supervisor immediately if unfit.	L4	Operator
Pre-start inspection	Undetected plant defect leading to failure during operation	H17	- Complete documented pre-start/prestart book covering the items specific to this plant (see below), guards, isolators, e-stops, reversing alarm, beacon, fire extinguisher, first aid kit and spill kit. - Regular scheduled servicing/maintenance per manufacturer's schedule; defects tagged out and reported - do not operate a tagged/defective item. - Registration/inspection current where applicable.	M8	Operator
SERVICE TRUCK - ONBOARD CRANE/HIAB					
Crane/hiab operation (loading and unloading parts, tyres, equipment)	Struck-by or crush injury from the crane arm, or load fall during lifting	H18	- Outrigger legs fully deployed and levelled on firm, stable ground before crane operation; crane not operated with outriggers only partially deployed. - Load charts followed for the specific boom angle/extension; load never exceeding rated capacity. - Exclusion zone maintained under and around the load path at all times; no personnel under a suspended load. - Only trained, competent operators to use the crane; dogging/rigging carried out by a person holding the relevant licence where required.	M9	Operator

Task	Hazard	Initial Risk	Current Control Measures	Residual Risk	Responsible
Working at height accessing the tray/toolboxes	Fall from height accessing the truck tray, toolboxes, or crane controls	H14	- Designated steps/handholds used; 3 points of contact maintained when climbing onto the tray. - Edge protection or fall restraint used where the tray height and task require it per site working-at-heights procedure.	M9	Operator
SERVICE TRUCK - ONBOARD EQUIPMENT					
Onboard air compressor and welder use	Injury from pressurised air, electric shock, or fire/flash from welding equipment carried on the service truck	H17	- Compressor and welder isolated when not in use; hoses/leads inspected before each use. - Welding screens/curtains used where others are working nearby; fire extinguisher carried and accessible. - Correct PPE (welding mask, gloves, apron) worn for all welding tasks.	M8	Operator
Roadside/on-site breakdown response	Struck-by injury attending a breakdown on or near a live traffic route or active work area	H18	- Service truck positioned to protect the work area from traffic, with beacon and hazard lights operating. - Exclusion zone/cones set up before commencing repair work; hi-vis worn at all times. - Communication maintained with site supervisor/traffic control where the breakdown is in an active work zone.	M9	Operator
Fuel, oil and chemical storage on the service truck	Fire or spill from onboard fuel, oil, or chemical storage	H14	- Containers secured, correctly labelled, and stored in dedicated compartments; spill kit carried on board. - No smoking or naked flames near stored fuels/chemicals; containers checked for leaks at pre-start.	M9	Operator
SMALL RIGID TRUCKS (FUSO FEA61BR3SFBC)					
Load restraint	Load shift or loss in transit	H14	- Load secured with rated straps/tie-downs appropriate to the load type; tray canopy/tailgate secured before travel. - Payload kept within the vehicle's rated GVM - refer to the compliance plate.	M9	Driver
Travel and reversing	Collision or struck-by injury given the truck's size and blind spots relative to a light vehicle	H14	- Reversing alarm operational and checked at pre-start; spotter used in congested areas. - Seatbelt worn at all times; no handheld mobile phone use while driving; obey site speed limits and road rules.	M9	Driver
BREAKDOWN & MAINTENANCE (ALL VEHICLES IN THIS RA)					

Task	Hazard	Initial Risk	Current Control Measures	Residual Risk	Responsible
Roadside breakdown	Struck-by from passing traffic while stopped on the traffic side of the vehicle	H14	- Position the vehicle as far off the road as possible; hazard lights on. - Reflective vest worn; reflective triangles placed at correct distance front and rear. - Stay with the vehicle and contact supervisor for assistance.	M9	Driver
Refuelling	Fire or explosion from static discharge or ignition source at the fuel point	M6	- Remain with the vehicle while refuelling; no electronic equipment (including mobile phones) used during refuelling. - Discharge static electricity before touching the fuel pump/nozzle.	L1	Driver
Maintenance and servicing	Injury during servicing, or vehicle returned to service with an unresolved defect	M8	- Vehicle isolated (keys removed/tagged) and stationary before any maintenance task begins. - Crane/hiab, onboard equipment, and vehicle systems inspected per service schedule; defects tagged and reported immediately.	L4	Driver / Mechanical Team

Post-Task Activities

Post-Task Activities	Y	N
Ensure all tools are collected & returned to store/workshop.	☐	☐
Remove all waste materials from the area & place in the appropriate bins.	☐	☐
Report any damaged equipment.	☐	☐
Remove any barricades erected if no longer required.	☐	☐
Leave area clear of hazards.	☐	☐
Check area for hydrocarbon spillages.	☐	☐
Remove isolations and complete any permits/certificates if applicable.	☐	☐
Clean the cabin for the next person on shift to ensure a healthy work environment.	☐	☐

Additional Notes

Important: Every person on site must read this document and be familiarised with the underlying risks associated with operating this vehicle. It is the site supervisor's responsibility to check every team member has been briefed and has signed to acknowledge. Please add a note for any new risk identified during operation.

Risk Matrix

Likelihood \ Consequence	1 Insignificant No injury / near miss	2 Minor First aid / medical treatment	3 Significant LTI or restricted work duties	4 Major Fatality or serious permanent injury	5 Catastrophic Multiple fatalities – 50 or more health effects
Almost certain – Expected to happen	H11	H16	E20	E24	E25
Likely – Could happen frequently	M7	H12	H17	E22	E23
Possible – Could happen occasionally	L4	M8	H13	H18	E21
Unlikely – May occur sometime	L2	L5	M9	H14	E19
Rare – May only occur in exceptional circumstances	L1	L3	M6	H10	H15

Risk Rating – Actions Required After Ranking Risk

E STOP	H REVIEW	M PROCEED	L PROCEED
Eliminate or reduce the hazard to acceptable level (e.g. Medium or Low) in order to proceed	Controls to reduce hazard as far as reasonably practicable	With stated controls and supervision	And monitor for changes in conditions

Control the Risk – Hierarchy of Controls

Hierarchy of Controls	Examples of Controls
Elimination	Design change, change of construction methodology
Substitution	- Use safer substance/chemical - Environmental catchments/sedimentation pools
Isolation	- Guards on power tools; effective screens, barriers and edge protection - Enclose noisy machinery; environmental swales, booms or barriers, paint washout station
Engineering	- Earth leakage device (safety switch) on electrical sources - Use a machine to lift heavy objects; use scaffold rather than a ladder as a working platform
Administration	- Change work practices and safe work method procedures - Tagging and testing procedures or waste sorting
PPE	- Hard hats, glasses, hearing protection, hi-vis vests, safety boots/shoes (Note: PPE should be the last option to protect people)