

GENERAL MOBILE PLANT

MINIMUM STANDARDS

The General Mobile Plant Minimum Standards are structured as follows:

MINIMUM REQUIREMENTS	Required for all earthmoving plant irrespective of the owner (LORA, Hire Company, Supply Chain Partner)
LORA PROCUREMENT REQUIREMENTS	Required for all general mobile plant procured by LORA
MINIMUM DOCUMENT REQUIREMENTS	Documentation required for all earthmoving plant
PROJECT/SITE SPECIFIC REQUIREMENTS	Project/site specific requirements for earthmoving plant as determined by the project risk assessment

FEATURE	REQUIREMENTS
MINIMUM REQUIREMENTS – EARTHMOVING PLANT	
FIRE EXTINGUISHER + BRACKET	A minimum 4.5kg dry chemical (ABE) for all locations, within inspection/test requirements and charged. The extinguisher/s should be: - Fitted in a secure, easily accessible location - Fitted with legible instructions and coloured correctly (i.e. red with white band) - Fitted with a pressure gauge and hose to assist accessing awkward areas - Maintained in accordance with AS 1851 Minimum 1kg dry chemical (class ABE) shall be located in the cabin and clearly identified. Note - This is a minimum requirement. Specific requirements for extinguisher type and/or capacity will be defined by certain work activities or sites.
FLASHING AMBER BEACON (360 DEGREES)	At least one amber beacon is fitted, with easily accessible on/off toggle switch to operate. The beacon shall be mounted as near as possible to the top of the equipment and be clearly visible in normal daylight up to a distance of 200 metres (and closing) in all directions.
REVERSE / TRAVEL / SLEWING ALARM (BEEP OR SQUAWK)	Fitted to central, unobstructed area of equipment. The alarm's noise level range shall be 87 to 112 dB(a) measured at a distance of 1 metre from the alarm. The alarm shall active each time equipment movement is present (dependent on requirement and feature of alarm fitted i.e. reversing alarm) and not be fitted with an on/off feature.
WARNING SIGNAGE AFFIXED IN CABIN (FOR APPLICABLE EQUIPMENT)	Ensure overhead power line, underground cables and equipment minimum clearance height warning signage is affixed in cabin; clearly visible to operator.
LOCKABLE BATTERY ISOLATION SWITCH C/W IDENTIFICATION DECAL	A means of immobilising the equipment by isolating the battery so the equipment cannot be started and/or operated by an unauthorised person. The isolation switch must be lockable, resistant to weather and clearly identified (i.e. isolator decal). Required Colour: Battery Isolator – Red
EMERGENCY STOP/S (WITH DECAL) EASILY AND SAFELY ACCESSIBLE FROM OUTSIDE PLANT	As per National Standard for Plant NOHSC: 1010 (1994), clause 14, sub section (a), (b) and (c) emergency stop devices must: (a) Be prominent, clearly and durably marked and immediately accessible to each operator of the plant; and (b) Have handles, bars or push buttons which are coloured red. (c) Not be able to be affected by electrical or electronic circuit malfunction. (d) Are of "stop and Lock-off" type: so that the plant cannot be restarted after an emergency unless the stop control has been reset.

FEATURE	REQUIREMENTS
	Location: Emergency stop devices shall be positioned for easy access and for nonhazardous operation by the operator.
GUARDING (ENGINE, ROTARY PARTS, HEAT SHIELDS, SOUND CLADDING)	Guarding is in place, mitigating operator exposure to moving and/or hot parts and conform to National Standard for Plant NOHSC: 1010 (1994), clause 7, 8, 9 & 10 and, in addition, Select Plant Hire Equipment Safe Guarding Standard.
SAFETY SIGNAGE/DECALS IN PLACE FOR SWL, ACCESS/PINCH POINTS, WARNINGS, EMERGENCY, POWER LINES ETC.	Shall comply with AS1418.10, section 4.2 Marking and symbols comply with ISO 20381. (i.e. safe working load (SWL) of the basket, safety around powerlines, warning decals near crush/pinch points, emergency exit, etc.
HANDRAILS ON UPPER DECKS WHERE PERSONNEL ACCESS IS REQUIRED	Suitably designed hand rails (edge protection) shall be fitted to prevent falls from height occurring when utilising upper decks. They shall be a minimum of 1m high, with gaps of less than 450mm between each mid rail, toe boards installed (minimum 100mm wide), manufactured from metal.
SAFE ACCESS ONTO MACHINES (THREE POINTS OF CONTACT)	Suitably designed access with hand rails shall be fitted to prevent trips and falls from height occurring when accessing plant and equipment. They shall be manufactured from metal only.
SEATBELT FITTED	Shall be operational and meet Australian Standards. A sign should be prominently displayed in every cabin, warning the operator to wear the seatbelt provided.
UHF RADIO AND AERIAL FITTED AND OPERATIONAL	An operational UHF radio shall be fitted in the operator cab and be easily accessible. A compatible aerial shall be fitted securely to the equipment.
WHEEL CHOCKS WITH SECURE CARRYING MOUNTS (FOR RUBBER TYRED EQUIPMENT)	Rubber and compatible with equipment size and requirements. Shall be secured to equipment with bracket to prevent unintended movement when not in use.
ENCLOSED, SEALED, AIR CONDITIONED CABIN (WHERE AVAILABLE FOR THAT MACHINE SIZE AND TYPE; OTHERWISE RISK ASSESSED)	OEM designed and fitted cabin, with air conditioning suitable for conditions. If equipment isn't fitted with an air conditioned cabin, a risk assessment should be completed.
ADDITIONAL LORA PROCUREMENT REQUIREMENTS – GENERAL MOBILE PLANT	
ASSET IDENTIFICATION STICKERS (SELECT OWNED ASSETS ONLY)	Asset Decals: Black lettering on a white background, non-reflective adhesive backed decal Suggested Size: 200 x 100mm Installation: Evenly applied to LH and RH side of asset
DOCUMENTATION MINIMUM REQUIREMENTS (Paper or electronic – Must be available at the time of mobilisation)	
ROAD REGISTRATION	Registration paperwork (if applicable to specific item of plant)
OPERATORS MANUAL	OEM operators manual available and in good condition.
PLANT RISK ASSESSMENT	Specific to make and model of equipment.
DAILY PRE-START BOOK	Specific to category of equipment.
SERVICE HISTORY	Previous 3 months of preventative maintenance and repairs.
PLANT LOGBOOK	(For plant requiring statutory inspection records) Placed in operator cabin
REGISTRATION REQUIREMENTS	Road registration papers, sticker and plates (where applicable)

FEATURE	REQUIREMENTS
EARTHMOVING LIFTING SUSPENDED LOADS APPROVAL	Placed in operator cabin and approval decal affixed (Earthmoving Plant Lifting Suspended Loads Approval Refer PS Cranes and Lifting).
CHANGE MANAGEMENT	Change management documents available for any modifications

FEATURE	REQUIREMENTS
PROJECT / SITE / CLIENT SPECIFIC REQUIREMENTS	
Items that may be required as determined by the project/site and/or client	
WEED AND SEED	A statutory declaration for all Plant and Equipment that they are clean and free from weed and seeds. This is to confirm that the Plant and Equipment has not gone through areas with weed and in particular (parthenium weed or giant rat's-tail grass). If the item has gone through areas of this weed, a clean down certificate will be required.
HIGH MOUNTED TAIL LIGHTS	ADR compliant high mount lights with brake and turn signal features (reversing optional). Shall be mounted to the highest point of the vehicle (i.e. light bar or top of load guard), facing rearwards for the purpose of alerting other road users to vehicle movement.
VHF RADIO AND AERIAL FITTED AND OPERATIONAL	An operational VHF radio shall be fitted in the operator cab and be easily accessible. A compatible aerial shall be fitted securely to the equipment.
WHEEL NUT INDICATORS	Fitted to wheel nuts to help identify any loose nuts, preventing the possibility of wheel detachment. Indicators should be of a suitable design and yellow in colour.
SPARE TYRE (SECONDARY)	Unused, in good condition and compatible with the equipment it is intended for
MINE FLAG (MINIMUM HEIGHT FROM GROUND OF 3M)	Mine flags help improve plant and equipment visibility when operating on work sites. A detachable mine flag (whip flag) shall be fitted to the highest and most visible point (i.e. light bar, FOPS, etc.) Features: - Constructed from strong material (i.e. fibreglass) - High Vis markings - red LED for night driving (located at highest point of flag) - Quick release coupler
SPILL KIT	General vehicle spill kit design to assist in small fluid (i.e. oil or coolant) spills. The spill kit bag shall be weather proof to avoid damaging contents.
TOOL BOX	Storage solution to keep equipment and tools securely and safely packed away. Note : Loaded tool box/s weight and vehicle GVM shall be considered.
REVERSING CAMERA	Vehicles fitted with a reverse camera must have a: - Robust camera mounted to provide adequate vision to the rear for the operator - Monitor of an adequate clarity which must be mounted so as not to hinder operator's forward vision or distract operator Reverse camera and monitor shall only be installed by the OEM or a qualified technician.
CALL SIGNS (HIGH VIS OR STANDARD)	Used for communication purposes between road users. Call Sign Decals: Typically, black lettering on a reflective yellow high vis background (high vis version) or black lettering on silver or white non-reflective background (standard, non-mine spec) Suggested Size: 500 x 250mm Installation: Evenly applied to LH, RH and rear of asset

FEATURE	REQUIREMENTS
FIRST AID KIT	A complete First Aid Kit, in date. Location of the kit must be clearly signed on outside of equipment.
REFLECTIVE TAPE	Material: The tape shall be weather resistant with a reflective surface and adhesive back Size: Minimum 50mm wide Installation: One strip evenly applied to all sides of the equipment
LOCKABLE STARTER ISOLATION SWITCH C/W IDENTIFICATION DECAL	A means of immobilising the equipment starter. The isolation switch must be lockable, resistant to weather and clearly identified (i.e. isolator decal). Required Colour: Starter Isolator – Yellow