

Document Name	Minimum Safety Hardware
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Release Date	27/08/2015

Mobile Equipment: Minimum Safety Hardware Requirements

This document lists critical safety hardware that may or may not be standard on the Equipment but are required by Milbrae.

The operations manager and workshop manager should consult the supplier of the plant for current full specifications when purchasing new equipment.

Mobile Equipment Type = Quarry Front End Loader



item	Hardware	Detail	OK
1	Seatbelt	Fitted with suitable anchor points. As per relevant standards. Seat belt must be in date	
2	Operator Protection Guards(OPG)	As per manufacturer specifications, in accordance with relevant standards. Check the compliance plate. R.O.P.S, F.O.P.S To be fitted to all equipment which operates on benches and under high walls	
3	Flashing amber light – Continuous operation	When fitting amber light it must be clearly visible for both pedestrians and other mobile equipment that share the work area in which the equipment operates.	
4	Reversing alarms	Reversing alarms provide a warning to pedestrians or other mobile equipment in the immediate area that the equipment is travelling in reverse and the operators field of vision may be limited	
5	Rear Lights	Reversing lights shall be provided on all equipment. The lights should provide the Operator with adequate visibility when reversing at night.	
6	Rear Vision mirror	Internal and external mirrors (both sides) specified. Rear vision mirrors provide the operator with a means to see some of the area behind the equipment during reverse manoeuvring.	
7	Horn	A horn allows the operator to provide warning of the equipment's presence in emergency situations.	



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8	Brake Light (Red)	The braking lights provide a warning to other vehicles that may be following the equipment that it is slowing down or coming to a stop.	
9	Fire Extinguisher	As a minimum fire extinguisher(s) of a suitable type and capacity shall be installed on equipment. The extinguisher should be fitted at a location on the equipment that is least likely to catch fire, be easily detached by a person from ground level and have gauges that are easily readable. All fire extinguishers should be maintained in accordance with AS 1851.	
10	Lock out switch	The lockout device provides protection by holding the energy-isolating or hazardous energy treatment device in the safe position, this prevents the machine or equipment from becoming energised.	
11	Bucket payload capacity	Bucket payload capacity displayed in cabin	
12	Access ladder and hand rails	Access to equipment hall allow three points of contact	
13	Operating Fluids	Are all fluids as per manufacture operating requirements (Hydraulic, Engine, Brake, Radiator)	
14	Air conditioning	Mandatory on all equipment	
15	Communication Radio	Mandatory on all Milbrae owned equipment	
16	First Aid Kit	Required if operating in remote areas	

Site:	Arriving from:
Date:	Hours:
Inspection completed by:	
Machine description:	
Circle: Existing Transferred Hired Contractor	
Pre-Start book: YES NO Operators Manual: YES NO	

Actions/Comments	Who	When	Done