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| **PLANT DETAILS** | | | |
| Plant Owner: | Address: | | Ph: |
| Plant Make: | Plant Model: | Plant Serial No: | Hours / KM’s: |
| Roads Reg No: | Reg Expiry: | Project Registration No: | Project Asset No: |
| Last Service Date / Hrs: | Next service Date / Hrs: |  |  |
| **MINIMUM REQUIREMENTS** (If the minimum requirements are not met, a plant sticker will not be issued and the item of plant is not to commence work) | | | |

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| **Verify** | **Check** | **Requirement** | **Verify** | **Check** | **Requirement** |
|  |  | Operator and Maintenance Manual available |  |  | Plant Hazard Assessment Sighted & Current (within 2 yrs): |
|  |  | Logbook / Service Records (checked ok): |  |  | Plant Hazard Assessment Inspection Date: / / |
|  |  | Audible Alarm and other Warning Devices fitted, operable and suitable for site conditions |  |  | Daily Prestart Inspection Checklist is available for use. |
|  |  | Fire Extinguisher Fitted and charged |  |  |  |

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| **Instructions: Verify Box** to be ticked by Owner / Supplier / Operator prior to arrival onsite. **Check Box** to be ticked after visual inspection by the project |
| |  |  |  | | --- | --- | --- | | **Verify** | **Check** | **Cabin** | |  |  | Cleanliness | |  |  | Doors operational | |  |  | Handrails, steps and ladders fitted and secure | |  |  | Seat – adjustments operational secure | |  |  | Instruments operational & labelled | |  |  | Seat belts fitted | |  |  | UHF Radio Fitted (If not fitted, has a hand held radio been supplied) | |  |  | Levers / controls operational | |  |  | ROPs and FOPs Canopy to meet AS 2294 | |  |  | Pedals in good condition | |  |  | Air conditioning operational (if fitted) | |  |  | Warning devices and other lights (flashing, head, tail, etc) are appropriate for the environment in which plant is being used. (check environment noise criteria particularly if working out of hours) | |  |  | Warning Signs - DANGER – BEWARE OVERHEAD WIRES & UNDERGROUND SERVICES | |  |  | Warning Signs - SEAT BELT MUST BE WORN | |  |  | Warning Signs - NOISE WARNING SIGNAGE | |  |  | Warning Signs - LASER WORKING AREA | |  |  | Air and water systems clean and function | | **Verify** | **Check** | **Running Controls** | |  |  | Tyres and rims condition | |  |  | Tyre inflation | |  |  | Brake operational | |  |  | Park brake operational | |  |  | Stab jack machine levelling function | |  |  | Condition and function of cable reeler |  |  |  |  | | --- | --- | --- | | **Mechanical Checks** | | | | **Verify** | **Check** | **Environmental** | |  |  | Clean, free of organic materials (mud, dirt, weeds or seeds) prior to arrival | |  |  | Engine baffling or noise reduction equipment fitted as per manufacturers specifications | |  |  | Smoke from internal combustion engines should not be visible for more than ten seconds | | **Verify** | **Check** | **Booms** | |  |  | Rock Drill oil filled and functional | |  |  | Zoom tube condition and leaks | |  |  | Boom mounting bolts to main frame | |  |  | Gate, pins and retainer on basket | | Atlas Copco Boomer E2 C |  | Anchor points fitted for fall restraint systems |  |  |  |  | | --- | --- | --- | | **Verify** | **Check** | **Steering** | |  |  | Articulation maintenance look | |  |  | Articulation bearings and retainers | | **Verify** | **Check** | **Hydraulics System** | |  |  | Rams | |  |  | Hoses / connectors | |  |  | Pins / mounting | |  |  | (check for excessive wear, leaks and creep) | | **Verify** | **Check** | **Engine** | |  |  | Engine mountings | |  |  | Engine guarding | |  |  | Exhaust guarding | |  |  | Emission test and pass prior to use | |  |  | Oil leaks | |  |  | Coolant leaks | |  |  | Coolant system | |  |  | Vee belt condition | |  |  | Catalytic converter fitted | |  |  | Air cleaner system | |  |  | Battery condition / mounting | | **Verify** | **Check** | **Drill Head** | |  |  | Shank condition | |  |  | Hydraulics accumulators | |  |  | Feed rail ropes | |  |  | Mountings/ feed rails condition | |  |  | Drill guidance system fitted (ABC total) |  |  |  |  |  | | --- | --- | --- | --- | | **TYRES – Record Tread Depth (***if required)* | | | | | POS 1 (LF) | \_\_\_\_mm | POS 2 (RF) | \_\_\_\_mm | | POS 3 (LR) | \_\_\_\_mm | POS 4 (RR) | \_\_\_\_mm | |
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| **Instructions: Verify Box** to be ticked by Owner / Supplier / Operator prior to arrival onsite. **Check Box** to be ticked after visual inspection by the project |
| |  |  |  | | --- | --- | --- | | **Verify** | **Check** | **Cabin** | |  |  | Rotating beacon operable | |  |  | Function of horn | |  |  | Dead man switch operational | |  |  | Emergency stops where fitted operable | |  |  | Machine guidance system fitted and functions | |  |  | Reverse alarm operable | |  |  | Reversing camera (if fitted) | | **Verify** | **Check** | **Main Panel** | |  |  | Positive lock out fitted and tested for machine isolation | |  |  | Circuit diagrams supplied | |  |  | Covers fitted and all door bolts installed | |  |  | Door locks functional | |  |  | Mechanical interlock of isolation switch | |  |  | Shroud for incoming cable, labelled **Danger- Alive Isolate Elsewhere** | |  |  | Panel door, labelled **Danger- Alive Isolate Elsewhere** | |  |  | Danger……… volts sign fitted on front door. (List voltage) | |  |  | Panels free from debris and moisture | |  |  | Push buttons, isolators and indicators labelled correctly | |  |  | Gland plate, door, mounting plate earthed |  |  |  |  | | --- | --- | --- | | **Electrical Checks** | | | | **Verify** | **Check** | **Meters** | |  |  | Volt meter | |  |  | Amp meter | | **Verify** | **Check** | **Motors electric** | |  |  | All bolts in covers | |  |  | Terminals secure | |  |  | Motor mounting bolts secure |  |  |  |  | | --- | --- | --- | | **Verify** | **Check** | **Slip rings/ cable reel** | |  |  | Clean and free from debris and moisture | |  |  | Brushes fitted | |  |  | Cable reel limits set | | **Verify** | **Check** | **General** | |  |  | Check setting of over load and earth leakage as applicable | |  |  | Isolation resistance | |  |  | Earth continuity | |  |  | Check all connections for tightness | |  |  | Electrical department to inspect machine prior to power up (safety review) | |  |  | Function of head lights | |  |  | Function of tail lights | | **Verify** | **Check** | **Trailing Cable** | |  |  | Overall condition | |  |  | Condition of plug | |  |  | Cable sock fitted and tied back | |  |  | Cable I.D tag fitted | |  |  | Test report supplied | |  |  | 1000Volt plug of correct amps 300/425 and free from damage with pilot pin fitted |   1033134 |
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| |  |  | | --- | --- | | **PLANT OWNER / OCCUPIER** | **PLANT VERIFIER** | | I certify that the described plant has met the inspection criteria stipulated within this checklist and is being serviced and maintained in accordance with the manufacturer’s specifications | I certify that I have verified that the described plant has met the inspection criteria stipulated within this checklist and is being serviced and maintained in accordance with the manufacturer’s specifications | | Name (Mechanical Rep): Signature: Date:  Name (Electrical Rep): Signature: Date: | Name: Signature: Date: | |