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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 |
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| **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 |

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| **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 |

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| **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) |

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| **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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| **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 |

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| **Electrical Checks** |
| **Verify** | **Check** | **Meters** |
|  |  | Volt meter |
|  |  | Amp meter |
| **Verify** | **Check** | **Motors electric** |
|  |  | All bolts in covers |
|  |  | Terminals secure |
|  |  | Motor mounting bolts secure |

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| **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 |

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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: |

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