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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 Mechanical fitter. |
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| **Verify** | **Check** | **Cabin** |
|  |  | Cleanliness |
|  |  | Door/ rail bar operational |
|  |  | Remote control operation and cable condition |
|  |  | Instruments operational & labelled |
|  |  | Seat – adjustments operational secure |
|  |  | Seat belt fitted and in good working order |
|  |  | Levers / Controls Operational |
|  |  | Pedals in good condition |
|  |  | ROPs Canopy to meet AS 2294 |
|  |  | 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** |
| **Verify** | **Check** | **Pump Components** |
|  |  | Turret |
|  |  | Support Frame |
|  |  | Pump/ control gauges fitted and are legible |
|  |  | Delivery line, hoses & connections (check for excessive, wear, leaks and damage) |
|  |  | Boom pedestal  |
|  |  | Slew Ring  |
|  |  | Transport safe guard, boom stop |
|  |  | Delivery line, pipes, connections , thickness test on steel pipe |
|  |  | Accelerator pump/line is clear |
|  |  | Accelerator dosing pump working and recording flow |
|  |  | Concrete hopper is clean |
|  |  | No excessive gap between hopper wear plate and swing tube |
|  |  | Hopper vibrator works correctly |
|  |  | Hopper grate safety valve cut out pump when gate lifted |

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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 |
|  |  | Emissions test complete and passed |

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| **Verify** | **Check** | **Hydraulics** |
|  |  | Rams |
|  |  | Hoses |
|  |  | Connections (check for excessive wear, leaks and creep) |
|  |  | Front stabilizers |
|  |  | Rear stabilizers |
|  |  | Boom 1 cylinder & safety values |
|  |  | Boom 2 cylinder & safety values |
|  |  | The lance wear strips and chain condition/tension is correct |
|  |  | Oscillation head function and mounting |
|  |  | Nozzle head rotation plate, motor and mounting in good condition/ function |
|  |  | Lance extend/ retract cylinder condition and connection pin/retainers |
| **Verify** | **Check** | **Engine** |
|  |  | Engine mountings |
|  |  | Engine guarding |
|  |  | Exhaust guarding |
|  |  | Oil leaks/levels checked |
|  |  | Coolant leaks/levels checked |
|  |  | Coolant system |
|  |  | Vee belt condition |
|  |  | Air Cleaner System |
|  |  | Battery condition / mounting |
|  |  | Catalytic converter fitted |
| **Verify** | **Check** | **Running Gear** |
|  |  | Tyres / wheels undamaged |
|  |  | Brakes are operational |
|  |  | Park brake is operational |

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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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| **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 Electrician. |
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| **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 (fill in required voltage) |
|  |  | Sticker Isolate elsewhere before oping panel |
|  |  | Panels free from debris and moisture |
|  |  | Push buttons, isolators and indicators labelled correctly |
|  |  | Gland plate, door, mounting plate earthed |
| **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 |
|  |  | Cable reel condition and function |

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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 (internal electrical compliance safety review) |
|  |  | Function of head lights and boom lights. Check they are free from water on the inside |
|  |  | Function of tail lights |
| **Verify** | **Check** | **Motors electric** |
|  |  | All bolts in covers |
|  |  | Terminals secure |
|  |  | Motor mounting bolts secure |

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| **Electrical Checks** |
| **Verify** | **Check** | **Meters** |
|  |  | Volt meter |
|  |  | Amp meter |

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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 (electrical Rep): Signature: Date:Name (Mechanical Rep): Signature: Date: | Name: Signature: Date: |

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