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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: |
| Hours loader motor: | Hours hydraulics: | Hours cutter motor: |  |
| **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 |
|  |  | Door operational  |
|  |  | Dead man pedal /switch operational |
|  |  | Handrails and ladders fitted and secure at height > 1.8mtrs |
|  |  | Seat – adjustments operational secure |
|  |  | Seat belt fitted and in good working order |
|  |  | Instruments operational & labelled |
|  |  | Levers / controls operational |
|  |  | UHF Radio Fitted (If not fitted, has a hand held radio been supplied) |
|  |  | FOPs 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) |
|  |  | Wipers / washers operational |
|  |  | Windows not damaged/ open close and sealed |
|  |  | Check boom and apron anti-collision system works |
|  |  | Warning signs – **PERMIT TO EXCAVATE** |
|  |  | Warning signs - **DANGER – BEWARE OVERHEAD WIRES & UNDERGROUND SERVICES** |
| **Verify** | **Check** | **Engine** |
|  |  | Engine Mountings and 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 on engine (if engine fitted) |

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| **Verify** | **Check** | **Apron** |
|  |  | Spinner tips fitted and free from wear |
|  |  | Apron decks free of wear and hard faced |
|  |  | Conveyor chain free from wear and adjusted |
|  |  | Chain idle and drive sprockets free from wear |
| **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** | **Undercarriage** |
|  |  | Track and undamaged complete including chain guides |
|  |  | Idlers / Rollers |
|  |  | Drivers free from leaks |
|  |  | Track drives Sprockets. |
|  |  | Track tension LHS/RHS |

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| **Verify** | **Check** | **Cutter boom/Head** |
|  |  | Cutter drum retaining bolts fitted |
|  |  | Pick blocks, picks and hard facing complete |
|  |  | Free from oil leaking in cutter gear/boom area |
|  |  | Pins and retainers fitted on boom and no excess movement |
| **Verify** | **Check** | **Hydraulics** |
|  |  | Rams |
|  |  | Hoses |
|  |  | Connections (check for excessive wear, leaks and creep) |
| **Verify** | **Check** | **Tail Conveyor** |
|  |  | Slew mechanical stops fitted to side swing L/R |
|  |  | Belt and moving parts guarding fitted |
|  |  | Idle and trough rollers fitted |
|  |  | Drum drive lagging clean and complete |
|  |  | Conveyor belt is tracked and free from damage |
| **Verify** | **Check** | **General** |
|  |  | Machine cooling water system in place |
|  |  | Check movement of housing and at boom pivot area and in sumping frame |
| **Verify** | **Check** | **General** |
|  |  | Stab jack function, pins and retainers fitted |
|  |  | No excessive movement in turret and all bolts fitted |

http://www.miniature-construction-world.co.uk/gallery/sandvik/mt720/IMG_7946.jpg |
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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** |
|  |  | Rotating Beacon operable |
|  |  | Function of horn |
|  |  | Deadman Pedal /Switch operational |
|  |  | Emergency stops where fitted operable |
|  |  | Machine guidance system fitted and functions |
|  |  | Reverse alarm operable |
|  |  | Reversing camera |
| **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 volts sign |
|  |  | 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** | **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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| **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 relays as applicable |
|  |  | Isolation resistance |
|  |  | Earth continuity |
|  |  | Check all connections for tightness |
|  |  | Emergency lanyard fitted full length of conveyor both sides |
|  |  | Electrical department to inspect machine prior to power up (safety review) |
|  |  | Check movement of cables at boom pivot area and in sumping frame |
|  |  | Warning Signs - **LASER WORKING AREA** |
| **Verify** | **Check** | **Motors electric** |
|  |  | All bolts in covers |
|  |  | Terminals secure |
|  |  | Motor mounting bolts secure |
| **Verify** | **Check** | **Meters** |
|  |  | Volt meter |
|  |  | Amp meter |

http://www.mitsuimiike.co.jp/english/product/excavator/rh/images/index_ph004.jpg |
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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: |