|  |  |  |  |
| --- | --- | --- | --- |
| **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: | CraneSafe Permit No: | CraneSafe expiry date: |
| Comcare / State (eg: WorkCover) Plant Registration No | | | |
| **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) | | | |
| Is this crane fitted with a free fall function if your answer is **“Yes” the crane cannot be used unless** an effective lockout system is installed and tested  (while the lock is installed) to verify that free fall cannot be inadvertently activated. This test **must be** conducted by a competent operator as part of the Pre-Acceptance Inspection process and be detailed within the Plant Hazard Assessment. | | | |
| |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **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 |  |  | The crane may have different load limits along the length of the bridge. These are to be marked on the crane and controls in place in the site TRA | | | | |

|  |
| --- |
| **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** | **Work Area** | |  |  | Cleanliness no items on the legs or run way | |  |  | Test function of E stops | |  |  | North South East West marked on underside of main bridge for travel direction | |  |  | Handrails and ladders fitted and secure (access to crab) | |  |  | Harness lanyard line fitted to access crab | |  |  | Pendent/remote operational & labelled | |  |  | Service position indicated on main beam and crab | |  |  | Buttons/levers / Controls Operational and labelled | |  |  | Pendent, cable or remote in good condition | |  |  | Crane isolation switch at ground level operational | |  |  | Confirm reeving configuration and WLL are set up and correct. Some cranes can be revved to more than 1 set up. WLL to be displayed on crane | |  |  | The structure has all bolts and cross bracing fitted and torqued up to the correct setting | |  |  | Danger buzz bars live, safety signs fitted | |  |  | Capacity Warning light system/ Christmas Tree or load cell to be fitted | |  |  | Motion Cut out if over loaded | |  |  | On site commishing test lift carried out by manufacture. (only) 110% max capacity or as per OEM speciation’s | |  |  | Battery is charged and within service life (if required for remote control) | |  |  | Slow down speed operational when approaching end of long travel |  |  |  |  | | --- | --- | --- | | **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 | |  |  | Wing speed locks are available and operation ( outdoor cranes only) | |  |  | Wind meter is fitted and operational maximum allowable operating wind speed as per OEM manual (outdoor only) | | **Verify** | **Check** | **Lifting Equipment Accessories** | |  |  | Slings / ropes /chains / shackles (tagged and labelled in good working condition) | | **Verify** | **Check** | **Electrical** | |  |  | Qualified electrical person to confirm all over loads, isolators and power connections are safe for operation |      |  |  |  | | --- | --- | --- | | **Verify** | **Check** | **Lifting Mechanism (Drum)** | |  |  | Pivots/ rope rollers | |  |  | Connecting Rods | |  |  | Safety Pins (No excessive wear/ fitted) | |  |  | Socket and wedge (Hambone) | |  |  | Winch Rope, wear and damage | |  |  | Rope clamps holding the rope tail to drum fitted and tight | |  |  | Check winch rope drum groves for wear/damage | | **Verify** | **Check** | **Crab System** | |  |  | Cross wheels and rails undamaged, free from wear | |  |  | Bump stops fitted each end at travel limit | |  |  | Crab slow down speed automatic near end of cross travel | |  |  | Steps, platforms, hand rails fitted and secure | |  |  | Drum rope ramp up and down auto speed controls working | |  |  | Lower and upper drum rope cut out limits operational | |  |  | Drum to shaft spigots and end plates have been crack tested and free from defects (magnetic particle) | |  |  | Rope/ drum load holding break is functional | | **Verify** | **Check** | **Running Gear** | |  |  | Wheels and travel rails undamaged long travel | |  |  | Brakes | |  |  | Park brake is operational | |  |  | Long and cross travel gear box mountings correct and no oil leaks |   http://www.saudicranes.com/index_images/Gantry%20Crane.jpg |
|
|
|
|
|
|
|
|
|
|
|
|
|
|

|  |  |
| --- | --- |
| **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: |