|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Activity Description & Location: | | | | Operate Forklift / Telehandler / Loader for lifting & / or transporting  Onshore, Australia | | | | | | | | Assessment No: | GN002 | | | | **Rev:** | | 1.1 | | |
| Date: | 13-Jun-19 | | | | | | | | |
| References used:  *(Inc. Legal obligations)* | | | | * WHS Act & Regulation 2011 (High Risk Work Licenses) * Traffic Management Plan * LUEZ Guideline | | | | | | | | Assessment Team: | K. Rowbotham, G. Humphreys, J. Hollingworth, | | | | | | | | |
| Company / Dept.: | Huracan | | | | | | | | |
| Frequency of Activity: | Regular | | | | | | | | |
| Persons Affected: | Huracan Crew, Rig Crew | | | | | | | | |
|  | | | | |  | | | | | |  | | | | | | | | | | |
| **OPERATION / EVENT** | | | | **HAZARD** | **RISK** | | **Initial Risk** | | | **CONTROLS** | | | | | | | | **Residual Risk** | | | |
| **Steps** | | | | ***Energy source to cause harm / damage*** | ***Consequence of hazard – harm / damage to occur*** | | **Pr** | **Co** | **RS** | ***Detail*** | | | ***Person to implement*** | | ***Person to monitor*** | | | **Pr** | | **Co** | **RS** |
| Plan work & conduct worksite walk-around | | | | * Unidentified hazard/s * Mobile plant interaction with pedestrians | * Serious injury to pedestrians * Potential fatality   Damage to plant & equipment | | **Possible** | **Major** | **Med**  C4 | * Hazard ID & control * Lift plan (as required) * Exclusion zone set to prevent / limit pedestrian access * Communicate operation & controls to workers as req. * Permit (as reqd.) * Nominate spotter as reqd. * Review & abide by Site Traffic Mgmt. Plan as reqd | | | Plant operator | | Plant operator / spotter | | | **Remote** | | **Major** | **Low**  E4 |
| Conduct routine checks (Pre-start & operational checks) | | | | * Unsafe plant | * Serious injury to pedestrians * Potential fatality * Damage to plant & equipment | | **Possible** | **Major** | **Med**  C4 | * Perform checks (pre-start, operational) on plant * Preventative Maintenance Program * Battery isolator engaged (whilst performing maintenance ops etc.) | | | Plant operator | | Mechanic / Maint. Super. | | | **Unlikely** | | **Major** | **Med**  D4 |
| Transporting / Lifting operation/s | | | * Suspended load * Collision / Impact plant & equipment / pedestrians | * Serious injury to pedestrians * Potential fatality * Damage to plant & equipment   Dropped object | | **Likely** | **Major** | **Hig**  **B4** | * Stay within lift plan (as reqd.) * Operate plant at safe speed, driving to conditions * Spotter to be used whilst loading / unloading, in congested areas or as reqd. * NEVER work under a suspended load * Ensure LUEZ guidelines are implemented (exclusion zones mandatory to be in place) | | | Plant operator | | Plant operator / Spotter | | | **Unlikely** | | **Major** | **Med**  D4 | |
| Complete Job | | | * Unsecured plant * Line of fire (unsafe parked position) | * Unauthorised access to / use of plant * Damage to plant or equipment | | **Possible** | **Minor** | **Low**  **D2** | * Park in designated position or safe area * Ensure plant is rendered immobile before exiting (brake applied, keys removed, battery isolator) * Report any damage or faults | | | Plant operator | | Plant operator / Super. | | | **Unlikely** | | **Minor** | **Neg**  **E2** | |
| Approved By: | J. Hollingworth | | | Signature: | | *Jon Hollingworth* | | | | | | Date: | | 13-Jun-19 | | | | | | |

**NOTE:** Using the Risk Matrix below, identify the Consequence & Probability of each risk occurring and enter the risk score in the Inherent column. Review the consequence, probability and risk score after appropriate controls have been agreed upon. Remember, the consequence does not change unless you eliminate the hazard (only the probability may change!)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A picture containing container  Description automatically generated | |  | **Consequence** | | | | | | |
| **HEALTH AND SAFETY** | First Aid Injury (FAI) | Medical Treatment (MTI) | | Lost time Injury (LTI) | Permanent Disability / Fatality | | Fatalities (multiple) |
| **FINANCIAL IMPACT** | < $20K | $20K - $200K | | $200K - $2M | $2M - $20M | | $20M+ |
| **REPUTATION** | Minimal impact on business reputation, land holder only | Some impact on business reputation, local community exposure | | Moderate impact on business reputation, local media exposure | Significant impact on business reputation, national media exposure | | Critical impact on reputation, international media exposure |
| **ENVIRO.** | Incident. No breach of regulations / EA. Minimal and short term impact to any local environment. | Minor breach of regulations / EA resulting in notification to regulator.  Localised, short term, recoverable minor impact on flora and fauna | | Serious breach of regulations / EA resulting in reporting to regulator, investigation, environment notice or fines. Significant localised but short term environmental impact | Major breach of legislation resulting in prosecution or litigation and regulatory intervention.  Serious and long term ecological impact and environmental harm.  Emergency Management activated. | | Significant compliance breach resulting in prosecution / class action or loss of licence. Severe environmental harm with widespread or permanent Impact Crisis Management activated. |
|  |  |  | **1. Insignificant** | **2. Minor** | | **3. Moderate** | **4. Major** | | **5. Catastrophic** |
| **Likelihood** | A common event that is likely to occur in the industry many times per year | **A. Highly Likely** | **Medium  (A1)** | **Medium  (A2)** | | **High  (A3)** | **Extreme  (A4)** | | **Extreme  (A5)** |
| An event likely to occur more than once a year in the industry | **B. Likely** | **Low  (B1)** | **Medium  (B2)** | | **Medium  (B3)** | **High  (B4)** | | **Extreme  (B5)** |
| An event that may occur in the industry over 10 years | **C. Possible** | **Low  (C1)** | **Low  (C2)** | | **Medium  (C3)** | **Medium  (C4)** | | **High  (C5)** |
| An event not likely to occur in the industry over 10 years | **D. Unlikely** | **Negligible  (D1)** | **Low  (D2)** | | **Low  (D3)** | **Medium  (D4)** | | **Medium  (D5)** |
| An event that has not previously been experienced in the industry but may occur in exceptional circumstances | **E. Remote** | **Negligible  (E1)** | **Negligible  (E2)** | | **Low  (E3)** | **Low  (E4)** | | **Medium  (E5)** |
|  |  | | | | | | | | |
|  | **Hierarchy of Controls** | | **Level 1 – Eliminate the Hazard** | | **Level 2 – Substitute, Isolate & Engineer** | | | **Level 3 - Admin & PPE Controls** | |
|  |  | | | | | | | | |
|  | **Reporting Requirements** | | **Report Only – All Negligible Classifications** | | **Investigate – All Low to Medium** | | | **TapRoot – High or above, or any Hi-Po** | |
|  |  |  |  |  | |  |  | |  |