Job Title: **Mechanic**

Tools and Equipment Used: Air tools, welders, wrenches, hand tools, etc.

 Risk Evaluation

|  |  |
| --- | --- |
| Description of Job Tasks and Hazard Exposures1. 1. Oil changes, maintenance work on equipment.
2. 2. Welding, grinding on equipment.
3. 3. Field servicing of equipment (driving hazards).
4. 4. Working with hoists and winches
5. 5. Driving to and from leases
6. 6. Working around other equipment working
7. 7. Constant exposure to grease and oils
8. 8. Exposure to fumes from diesel and welding
 | ***Frequency + Severity + Probability = Priority Index*** 3 + 2 + 2 = 7 MED 3 + 2 + 2 = 7 MED 2 + 3 + 2 = 7 MED 2 + 3 + 2 = 7 MED 1 + 3 + 2 = 6 MED 2 + 2 + 1 = 5 LOW 2 + 2 + 1 = 5 LOW 3 + 2 + 1 = 6 MED |
| Frequency Rating1. *1. Task done rarely.*
2. *2. Task done occasionally, once per week.*
3. *3. Task done daily, regular work task*
 | *Probability Rating** 1. *Low potential for injury.*
	2. *Moderate potential for injury.*
	3. *High potential for injury.*
 |
| *Severity Rating* *1. First Aid or minor loss.* *2. Medical Aid or property loss* *3. Fatality, serious injury and/or major property loss* | *Priority Index Rating* 8-9 HIGH PRIORITY RISK 6-7 MEDIUM PRIORITY RISK 0-5 LOW PRIORITY RISK |

Potential Safety Hazards Encountered Potential Health Hazards Encountered

1. Driving incidents.

2. Lifting injuries from working with equipment, etc.

3. Exposure to extreme weather (i.e. cold).

4. Exposure to high pressure air lines.

5. Falls from heights

6. Crushing injuries from objects falling

1. Back problems from lifting, awkward positioning.

2. Hearing loss from noise exposure to equipment.

1. Breathing problems developed from exposure

 To dust and fumes.

4. Exposure to welding fumes and flash.

5. Exposure to grease and oils

**Control Measures**

1. Use proper techniques when lifting, ask for assistance when necessary.
2. Minimize exposure to cold, wear proper clothing, etc.
3. Ensure proper shielding on hand tools, grinders, etc.
4. Ensure proper lockout and blocking of equipment when working.
5. Take periodic rest breaks, stretching exercises, etc.
6. Ensure hearing protection is worn to minimize noise exposure.
7. Follow proper safe work procedures and company safety rules.
8. Ensure workers are wearing appropriate respiratory protection when needed.
9. Wear gloves to protect against exposure to oils and greases.
10. Use proper lifting devices and slings when lifting engines and big parts.