IADC
ISP PROGRAM
2018
Summary of Occupational Incidents
(Australasia Land Totals)
Issued 15 June 2019
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# IADC 2018 Australasia Land Totals (Table 1)

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Man-hours</td>
<td>3,809,566</td>
</tr>
<tr>
<td>Total Medical Treatment Incidents</td>
<td>9</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>6</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>10</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>0</td>
</tr>
<tr>
<td>Total Recordables</td>
<td>25</td>
</tr>
</tbody>
</table>

- **MTO Incidence Rate**: 0.47
- **RWC Incidence Rate**: 0.31
- **LTI Incidence Rate**: 0.52
- **LTI Frequency Rate**: 2.62
- **DART Incidence Rate**: 0.84
- **DART Frequency Rate**: 4.20
- **Recordable Incidence Rate**: 1.31
- **Recordable Frequency Rate**: 6.56

**Companies Reporting**: Land – 6

- Medical Treatment Incidence Rate = MTOs x 200,000
- Restricted Work Incidence Rate = RWCs x 200,000
- Lost Time Incidence Rate = LTIs + FTLs x 200,000
- DART Incidence Rate = LTIs + RWC x 200,000
- Recordable Incidence Rate = RCRD x 200,000

**Australasia Land Total Incidence Rates vs Man-hours (Figure 1)**
IADC 2018 Australasia Land Charts
Australasia Land Total Recordable Incidents by Month (Chart 1)
Based on 13 Incidents

- November: 23.08%
- January: 15.38%
- February: 15.38%
- March: 7.69%
- April: 7.69%
- May: 15.38%
- August: 15.38%
Australasia Land Total Recordable Incidents by Occupation (Chart 2)
Based on 13 Incidents

- Roustabout (Lease Hand) 15.38%
- Floorman 30.77%
- Driller (Asst. Dr.) 30.77%
- Toolpusher / Tourpusher 15.38%
- Electrician 7.69%
Australasia Land Total Recordable Incidents by Body Part (Chart 3)
Based on 13 Incidents

- Finger(s): 61.54%
- Head: 15.38%
- Trunk/Torso (chest, abdomen, groin): 7.69%
- Arm(s): 7.69%
- Feet/Ankles: 7.69%
Australasia Land Total Recordable Incidents by Incident Type (Chart 4)
Based on 13 Incidents

- Cut: 15.38%
- Caught Between/In: 30.77%
- Struck Against: 15.38%
- Struck By: 30.77%
- Slip/Fall: Same Level: 7.69%


cut
caught between/in
struck against
struck by
slip/fall: same level

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Australasia Land Total Recordable Incidents by Equipment (Chart 5)
Based on 13 Incidents

- **Pipes/Collars/Tubulars/Csg.**: 30.77%
- **Slips (drill collar clamp)**: 15.38%
- **Rig Floor Winch/Deck Winch (air/hydraulic)**: 7.69%
- **Welding, Cutting, Grinding Equipment**: 7.69%
- **Forklift**: 7.69%
- **Kelly Bushings (master bushings)**: 7.69%
- **Material**: 7.69%
- **Hand Tools: Manual**: 15.38%

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Australasia Land Total Recordable Incidents by Operation (Chart 6)
Based on 13 Incidents

- Material Handling Manual: 30.77%
- Rigging Up/Down (rig move preparation, rig move): 15.38%
- Rig/Equipment Repairs or Maintenance: 15.38%
- Well Control (BOP) Stack (well head/tree) Install/Maintenance: 7.69%
- Tripping in/out: 7.69%
- Running Casing/Tubing (rig up/down csg. tools): 7.69%
- Special Operations (wireline, perforating, etc.): 7.69%
- Walking: 7.69%
- Rigging Up/Down (rig move preparation, rig move): 15.38%
- Tripping in/out: 7.69%
- Material Handling Manual: 30.77%
- Rig/Equipment Repairs or Maintenance: 15.38%
- Well Control (BOP) Stack (well head/tree) Install/Maintenance: 7.69%
- Tripping in/out: 7.69%
- Running Casing/Tubing (rig up/down csg. tools): 7.69%
- Special Operations (wireline, perforating, etc.): 7.69%
- Walking: 7.69%
- Rigging Up/Down (rig move preparation, rig move): 15.38%
- Tripping in/out: 7.69%
- Material Handling Manual: 30.77%
- Rig/Equipment Repairs or Maintenance: 15.38%
- Well Control (BOP) Stack (well head/tree) Install/Maintenance: 7.69%
- Tripping in/out: 7.69%
- Running Casing/Tubing (rig up/down csg. tools): 7.69%
- Special Operations (wireline, perforating, etc.): 7.69%
- Walking: 7.69%
- Rigging Up/Down (rig move preparation, rig move): 15.38%
- Tripping in/out: 7.69%
- Material Handling Manual: 30.77%
- Rig/Equipment Repairs or Maintenance: 15.38%
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- Tripping in/out: 7.69%
- Material Handling Manual: 30.77%
- Rig/Equipment Repairs or Maintenance: 15.38%
- Well Control (BOP) Stack (well head/tree) Install/Maintenance: 7.69%
- Tripping in/out: 7.69%
Australasia Land Total Recordable Incidents by Location (Chart 7)
Based on 13 Incidents

- Living/Camp Areas/Accommodations: 7.69%
- Work Rooms (change house, storage house/room): 15.38%
- Rig Pad/Rig Decks (rig/well site/location, yard): 15.38%
- Well Control (BOP) Stack (well head/tree) Area: 7.69%
- Derrick/Mast (crown, monkey/stabbing board, a-frame): 7.69%
- Catwalk/V-door: 7.69%
- Forklift: 7.69%
- Rig Floor (rotary, pipe set back area): 30.77%
Australasia Land Total Recordable Incidents by Time in Service (Chart 8)
Based on 13 Incidents

- >6 mos. < 1 yr. 7.69%
- 0 mo. < 3 mos. 23.08%
- >5 yrs. < 10 yrs. 15.38%
- >1 yr. < 5 yrs. 53.85%
- >6 mos. < 1 yr. 7.69%

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Australasia Land Total Recordable Incidents by Time of Day (Chart 9)
Based on 13 Incidents

- 21:00:00 - 7.69%
- 22:00:00 - 7.69%
- 23:00:00 - 7.69%
- 1:00:00 - 7.69%
- 2:00:00 - 7.69%
- 3:00:00 - 7.69%
- 4:00:00 - 7.69%
- 5:00:00 - 7.69%
- 6:00:00 - 7.69%
- 7:00:00 - 7.69%
- 8:00:00 - 7.69%
- 9:00:00 - 7.69%
- 10:00:00 - 7.69%
- 11:00:00 - 7.69%
- 12:00:00 - 23.08%

- 13:00:00 - 23.08%
- 14:00:00 - 15.38%
- 15:00:00 - 7.69%
- 16:00:00 - 7.69%
- 17:00:00 - 7.69%
- 18:00:00 - 7.69%
- 19:00:00 - 7.69%
- 20:00:00 - 7.69%

Chart showing distribution of incidents by time of day.
Australasia Land Total Recordable Incidents by Age (Chart 10)
Based on 13 Incidents

- 26 - 35: 53.85%
- 36 - 45: 7.69%
- 46 - 55: 7.69%
- 18 - 25: 30.77%