IADC

IADC
ISP PROGRAM

2017

Summary of Occupational
Incidents
(Canada Land Totals)

Issued 15 June 2018
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IADC 2017 Canada Land Totals (Table 1)

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Manhours</td>
<td>1,016,078</td>
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<tr>
<td>Total Medical Treatment Incidents</td>
<td>2</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>2</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>2</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>0</td>
</tr>
<tr>
<td>Total Recordables</td>
<td>6</td>
</tr>
</tbody>
</table>

- MTO Incidence Rate = 0.39
- RWC Incidence Rate = 0.39
- LTI Incidence Rate = 0.39
- LTI Frequency Rate = 1.97
- DART Incidence Rate = 0.79
- DART Frequency Rate = 3.94
- Recordable Incidence Rate = 1.18
- Recordable Frequency Rate = 5.91

Companies Reporting: Land – 3

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
Lost Time Frequency Rate = LTIs + FTLs X 1,000,000
DART Incidence Rate = LTIs + RWC X 200,000
DART Frequency Rate = LTIs + RWC X 1,000,000
Recordable Incidence Rate = RCRD X 200,000
Recordable Frequency Rate = RCRD X 1,000,000

Canada Land Total Incidence Rates vs Man-hours (Figure 1)
IADC 2017 Canada Land Charts

Note: There were only two Lost Time Incident recorded for 2017, therefore there will not be any charts.

Canada Land Total Recordable Incidents by Month (Chart 1)
Based on 6 incidents

- March 50.00%
- June 16.67%
- October 16.67%
- December 16.67%
- October 16.67%
- December 16.67%

Based on 6 Incidents
Canada Land Total Recordable Incidents by Occupation (Chart 2)
Based on 6 Incidents

Floorman 83.33%
Motorman 16.67%
Canada Land Total Recordable Incidents by Body Part (Chart 3)
Based on 6 Incidents

- Finger(s): 50.00%
- Leg(s): 33.33%
- Feet/Ankles: 16.67%
Canada Land Total Recordable Incidents by Incident Type (Chart 4)

Based on 6 Incidents

- **Cut**: 16.67%
- **Caught Between/In**: 33.33%
- **Slip/Fall: Different Level**: 16.67%
- **Slip/Fall: Same Level**: 33.33%
Canada Land Total Recordable Incidents by Equipment (Chart 5)
Based on 6 Incidents

- Rotary: 16.67%
- Tongs: 33.33%
- Well Control (BOP) Stack (well head, tree): 16.67%
- Stairs: 16.67%
- Rotary: 16.67%
Canada Land Total Recordable Incidents by Operation (Chart 6)
Based on 6 Incidents

- Rigging Up/Down (rig move preparation, rig move) 50.00%
- Tripping in/out (makeup/brakeout BHA, test tools, etc.) 16.67%
- Routine Drilling Operations 16.67%
- Walking 16.67%
Canada Land Total Recordable Incidents by Location (Chart 7)
Based on 6 Incidents

- Work Rooms (change house, storage house/room) 16.67%
- Derrick/Mast (crown, monkey/stabbing board, a-frame) 16.67%
- Rig Pad/Rig Decks (rig/well site/location, yard) 16.67%
- Rig Floor (rotary, pipe set back area) 50.00%
Canada Land Total Recordable Incidents by Time in Service (Chart 8)
Based on 6 Incidents

- >5 yrs. < 10 yrs.: 16.67%
- >6 mos. < 1 yr.: 16.67%
- >3 mos. < 6 mos.: 50.00%
- 0 mo. < 3 mos.: 16.67%
- 0 mos. < 3 mos.: 16.67%
Canada Land Total Recordable Incidents by Time of Day (Chart 9)
Based on 6 Incidents

- 20:00: 16.67%
- 19:00: 16.67%
- 17:00: 16.67%
- 15:00: 16.67%
- 4:00: 16.67%
- 8:00: 16.67%
Canada Land Total Recordable Incidents by Age (Chart 10)
Based on 6 Incidents

- 26 - 35: 66.67%
- 36 - 45: 16.67%
- 18 - 25: 16.67%