IADC

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ISP PROGRAM

2017

Summary of Occupational Incidents
(Canada Water Totals)

Issued 15 June 2018
Table of Contents
(Table of Contents is Hyperlinked, Just click on Topic & go)

IADC 2017 CANADA WATER TOTALS (TABLE 1) ................................................................. 1
   Canada Water Total Incidence Rates vs Man-hours (Figure 1)................................. 1
IADC 2017 CANADA WATER CHARTS ............................................................................. 2
   Canada Water Total Recordable Incidents by Month (Chart 2) ................................. 2
   Canada Water Total Recordable Incidents by Occupation (Chart 4) ......................... 3
   Canada Water Total Recordable Incidents by Body Part (Chart 6) ......................... 4
   Canada Water Total Recordable Incidents by Incident Type (Chart 8) ..................... 5
   Canada Water Total Recordable Incidents by Equipment (Chart 10) ....................... 6
   Canada Water Total Recordable Incidents by Operation (Chart 12) ......................... 7
   Canada Water Total Recordable Incidents by Location (Chart 14) .......................... 8
   Canada Water Total Recordable Incidents by Time in Service (Chart 16) ............. 9
   Canada Water Total Recordable Incidents by Time of Day (Chart 18) ................. 10
   Canada Water Total Recordable Incidents by Age (Chart 19) ............................... 11

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### IADC 2017 Canada Water Totals (Table 1)

<table>
<thead>
<tr>
<th>Totals</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Manhours</td>
<td>1,280,874</td>
</tr>
<tr>
<td>Total Medical Treatment Incidents</td>
<td>1</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>2</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>1</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>0</td>
</tr>
<tr>
<td>Total Recordables</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Incidence Rates and Frequency Rates

- **MTO Incidence Rate**: 0.16
- **RWC Incidence Rate**: 0.31
- **LTI Incidence Rate**: 0.16
- **LTI Frequency Rate**: 0.78
- **DART Incidence Rate**: 0.47
- **DART Frequency Rate**: 2.34
- **Recordable Incidence Rate**: 0.62
- **Recordable Frequency Rate**: 3.12

*Note: Companies Reporting: Water – 5*

MEDICAL TREATMENT INCIDENCE RATE = MTOs X 200,000 / MANHOURS (LTIs NOT INCLUDED)

RESTRICTED WORK INCIDENCE RATE = RWCs X 200,000 / MANHOURS (LTIs NOT INCLUDED)

LOST TIME INCIDENCE RATE = (LTIs+FTLs) X 200,000 / MANHOURS

LOST TIME FREQUENCY RATE = (LTIs+FTLs) X 1,000,000 / MANHOURS

DART INCIDENCE RATE = (LTIs+FTLs+RWCs) X 200,000 / MANHOURS

DART INCIDENCE RATE = (LTIs+FTLs+RWCs) X 1,000,000 / MANHOURS

RECORDABLE INCIDENCE RATE = RECORDABLES X 200,000 / MANHOURS

RECORDABLE FREQUENCY RATE = RECORDABLES X 1,000,000 / MANHOURS

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**Canada Water Total Incidence Rates vs Man-hours (Figure 1)**

[Graph showing incidence rates vs man-hours from 2001 to 2017]
IADC 2017 Canada Water Charts

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

Canada Water Total Recordable Incidents by Month (Chart 2)

Based on 4 Incidents

- October: 25.00%
- September: 25.00%
- August: 25.00%
- December: 25.00%
Canada Water Total Recordable Incidents by Occupation (Chart 4)
Based on 4 Incidents

- Deck Supervisor (Deck Coordinator): 25.00%
- Subsea Engineer: 25.00%
- Roustabout (Lease Hand): 50.00%
Canada Water Total Recordable Incidents by Body Part (Chart 6)
Based on 4 Incidents

- Trunk/Torso (chest, abdomen, groin) 50.00%
- Finger(s) 25.00%
- Feet/Ankles 25.00%

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Canada Water Total Recordable Incidents by Incident Type (Chart 8)
Based on 3 Incidents

- Slip/Fall: Different Level 33.33%
- Slip/Fall: Same Level 33.33%
- Cut 33.33%
Canada Water Total Recordable Incidents by Equipment (Chart 10)
Based on 4 Incidents

- Slings (rope, cable, chain, web) 25.00%
- BOP Stack (well head, tree) 25.00%
- Elevators 25.00%
- Crane 25.00%
Canada Water Total Recordable Incidents by Operation (Chart 12)
Based on 4 Incident

- Laying Down/Picking up Tubulars 25.00%
- Equipment Repairs or Maintenance 25.00%
- Tripping in/out 25.00%
- Special Operations 25.00%
Canada Water Total Recordable Incidents by Location (Chart 14)
Based on 4 Incidents

- Catwalk/V-door: 25.00%
- Rig Floor: 50.00%
- Pipe Rack/Pipe Deck: 25.00%
Canada Water Total Recordable Incidents by Time in Service (Chart 16)

Based on 4 Incidents

- >6 mos. < 1 yr. 50.00%
- >1 yr. < 5 yrs. 25.00%
- >5 yrs. < 10 yrs. 25.00%

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Canada Water Total Recordable Incidents by Time of Day (Chart 18)
Based on 4 Incidents

- 6:00: 25.00%
- 12:00: 25.00%
- 22:00: 25.00%
- 1:00: 25.00%
- 6:00: 25.00%
- 12:00: 25.00%
- 22:00: 25.00%
- 1:00: 25.00%
Canada Water Total Recordable Incidents by Age (Chart 19)
Based on 4 Incidents

- 36 - 45: 50.00%
- 26 - 35: 25.00%
- 46 - 55: 25.00%