IADC
ISP PROGRAM
2015

Summary of Occupational Incidents
(Central America & Caribbean Water Totals)

Issued 15 July 2016
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IADC 2015 Central America/Caribbean Water Totals (Table 1)

<table>
<thead>
<tr>
<th>Total</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Man-hours</td>
<td>5,564,937</td>
</tr>
<tr>
<td>Total Medical Treatment Incidents</td>
<td>5</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>7</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>5</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>0</td>
</tr>
<tr>
<td>Total Recordables</td>
<td>17</td>
</tr>
</tbody>
</table>

- MTO Incidence Rate: 0.18
- RWC Incidence Rate: 0.25
- LTI Incidence Rate: 0.18
- LTI Frequency Rate: 0.90
- DART Incidence Rate: 0.43
- DART Frequency Rate: 2.16
- Recordable Incidence Rate: 0.61
- Recordable Frequency Rate: 3.04

Companies Reporting: Water – 9

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

Central America & Caribbean Water Total Incidence Rates vs Man-hours (Figure 1)
IADC 2015 Central America & Caribbean Water Charts
Central America & Caribbean Water Lost Time Incidents by Month (Chart 1)
Based on 5 Incidents

- January: 20.00%
- February: 20.00%
- March: 20.00%
- April: 20.00%
- June: 20.00%
- February: 20.00%
- March: 20.00%
- April: 20.00%
- June: 20.00%
- January: 20.00%
Central America & Caribbean Water Total Recordable Incidents by Month (Chart 2)
Based on 16 Incidents

- January: 12.50%
- February: 18.75%
- March: 6.25%
- April: 12.50%
- May: 6.25%
- June: 12.50%
- July: 6.25%
- August: 18.75%
- September: 6.25%
- October: 6.25%
- November: 6.25%
- December: 6.25%
Central America & Caribbean Water Lost Time Incidents by Occupation (Chart 3)
Based on 5 Incidents

- Mechanic 20.00%
- Toolpusher (Asst.TP, Tourpusher) 40.00%
- Roustabout (Lease Hand) 20.00%
- Floorman 20.00%
Central America & Caribbean Water Total Recordable Incidents by Occupation (Chart 4)
Based on 16 Incidents

- Deck Supervisor (Deck Coordinator): 6.25%
- Roustabout (Lease Hand): 18.75%
- Floorman: 18.75%
- Marine Crew: 12.50%
- Barge Engineer/Ballast Control Op.: 6.25%
- Crane / Forklift Operator: 6.25%
- Mechanic: 6.25%
- Toolpusher (Asst.TP, Tourpusher): 12.50%
- Driller (Asst. Dr.): 6.25%
- Derrickman: 6.25%
- Roustabout (Lease Hand): 18.75%

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Central America & Caribbean Water Lost Time Incidents by Body Part (Chart 5)
Based on 5 Incidents

- Finger(s) 20.00%
- Trunk/Torso (chest, abdomen, groin) 20.00%
- Legs 20.00%
- Feet/Ankles 40.00%
Central America & Caribbean Water Total Recordable Incidents by Body Part (Chart 6)
Based on 16 Incidents

- Finger(s): 43.75%
- Trunk/Torso (chest, abdomen, groin): 12.50%
- Back: 12.50%
- Head: 12.50%
- Back: 12.50%
- Hand(s) / Wrist(s): 6.25%
- Feet/Ankles: 12.50%
- Leg(s): 6.25%
Central America & Caribbean Water Lost Time Incidents by Incident Type (Chart 7)
Based on 5 Incidents

- Slip/Fall: Same Level: 20.00%
- Caught Between/In: 20.00%
- Struck Against: 20.00%
- Struck By: 40.00%
Central America & Caribbean Water Recordable Incidents by Type (Chart 8)
Based on 16 Incidents

- Cut: 18.75%
- Strain/Overexertion: 12.50%
- Slip/Fall: Same Level: 6.25%
- Caught Between/In: 25.00%
- Struck By: 25.00%
- Struck Against: 12.50%
Central America & Caribbean Water Lost Time Incidents by Equipment (Chart 9)
Based on 5 Incidents

- BOP Stack (well head, tree): 20.00%
- Cathead/Drawworks: 20.00%
- Pipes/Collars/Tubulars/Csg.: 20.00%
- Decks (grating, walkway): 20.00%
- Material: 20.00%
Central America & Caribbean Water Total Recordable Incidents by Equipment (Chart 10)
Based on 16 Incidents

- Rig Floor Winch/Deck Winch (air/hydraulic) 6.25%
- Boat Cargo (skids, tubulars, containers, etc.) 6.25%
- Decks (grating, walkway) 6.25%
- Pressure Hoses/Lines 6.25%
- BOP Stack (well head, tree) 12.50%
- Pipes/Collars/Tubulars/Csg. 12.50%
- Cathead/Drawworks 6.25%
- Slings (rope, cable, chain, web) 6.25%
- Hand Tools: Manual 6.25%
- Engines/Pumps/Machinery 12.50%
- Material 18.75%
Central America & Caribbean Water Lost Time Incidents by Operation (Chart 11)
Based on 5 Incidents

- Well Testing: 40.00%
- Rigging Up/Down: 20.00%
- Laying Down/Picking up Tubulars: 20.00%
- Walking: 20.00%
- 40.00%

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Central America & Caribbean Water Total Recordable Incidents by Operation (Chart 12)
Based on 16 Incidents

- Tripping in/out: 6.25%
- Routine Drilling Oper.: 6.25%
- Running Casing/Tubing: 6.25%
- Laying Down/Picking up Tubulars: 6.25%
- Material Handling: Manual: 6.25%
- Material Handling: Crane/Cherry Picker: 6.25%
- Mud Mixing/Pumping: 6.25%
- Walking: 6.25%
- Well Testing: 12.50%
- Rig/Equipment Repairs or Maintenance: 25.00%
- Rigging Up/Down: 12.50%
Central America & Caribbean Water Lost Time Incidents by Location (Chart 13)
Based on 5 Incidents

- Rig Pad/Rig Decks: 20.00%
- Rig Floor: 20.00%
- Pipe Rack/Pipe Deck: 20.00%
- BOP Stack /well head/tree Area: 20.00%
- Catwalk/V-door: 20.00%
Central America & Caribbean Water Recordable Incidents by Location (Chart 14)
Based on 16 Incidents

- Rig Pad/Rig Decks: 12.50%
- Work Rooms change, storage, room: 18.75%
- Living/Camp Areas/Accommodations: 6.25%
- Jacking House: 6.25%
- Rig Floor: 18.75%
- Pipe Rack/Pipe Deck: 12.50%
- Catwalk/V-door: 12.50%
- Derrick/Mast: 6.25%
- BOP Stack /well head/tree Area: 6.25%
Central America & Caribbean Water Lost Time Incidents by Time in Service (Chart 15)

Based on 5 incidents

- 10+ yrs.: 20.00%
- >6 mos. < 1 yr.: 20.00%
- >1 yr. < 5 yrs.: 60.00%
Central America & Caribbean Water Recordable Incidents by Time In Service (Chart 16)
Based on 16 Incidents

- >1 yr. < 5 yrs.: 50.00%
- >5 yrs. < 10 yrs.: 25.00%
- >6 mos. < 1 yr.: 12.50%
- 10+ yrs.: 12.50%
Central America & Caribbean Water Lost Time Incidents by Time of Day (Chart 17)
Based on 5 incidents

- 18:00: 20.00%
- 16:00: 20.00%
- 11:00: 20.00%
- 8:00: 20.00%
- 5:00: 20.00%
Central America & Caribbean Water Recordable Incidents by Time of Day (Chart 18)
Based on 16 Incidents

14:00 6.25%
16:00 12.50%
8:00 6.25%
7:00 12.50%
5:00 12.50%
6:00 6.25%
11:00 18.75%
18:00 12.50%
4:00 12.50%
Central America & Caribbean Water Lost Time Incidents by Age (Chart 19)
Based on 5 Incidents

- 46 - 55: 60.00%
- 26 - 35: 40.00%
Central America & Caribbean Water Recordable Incidents by Age (Chart 20)
Based on 11 Incidents

- 26 - 35: 45.45%
- 36 - 45: 18.18%
- 46 - 55: 36.36%