IADC

IADC
ISP PROGRAM

2013

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

Issued 20 May 2014
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IADC 2013 Central America/Caribbean Water Totals (Table 1)

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Total Man-hours</td>
<td>8,083,064</td>
</tr>
<tr>
<td>Total Medical Treatment Incidents</td>
<td>7</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>6</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>9</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>0</td>
</tr>
<tr>
<td>Total Recordables</td>
<td>22</td>
</tr>
</tbody>
</table>

MTO Incidence Rate = 0.17
RWC Incidence Rate = 0.15
LTI Incidence Rate = 0.22
LTI Frequency Rate = 1.11
DART Incidence Rate = 0.37
DART Frequency Rate = 1.86
Recordable Incidence Rate = 0.54
Recordable Frequency Rate = 2.72

Companies Reporting: Water – 8

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)

[Graph showing incidence rates over years]
Central America & Caribbean Water Lost Time Incidents by Month (Chart 1)

Based on 9 Incidents

- February: 11.11%
- March: 22.22%
- April: 22.22%
- June: 11.11%
- July: 11.11%
- September: 11.11%
- November: 11.11%
- March: 22.22%
- April: 22.22%
Central America & Caribbean Water Total Recordable Incidents by Month (Chart 2)
Based on 22 Incidents

- January: 4.55%
- February: 13.64%
- March: 13.64%
- April: 13.64%
- May: 13.64%
- June: 13.64%
- July: 4.55%
- August: 9.09%
- September: 13.64%
- October: 4.55%
- November: 4.55%
- December: 4.55%
Central America & Caribbean Water Lost Time Incidents by Occupation (Chart 3)
Based on 9 Incidents

- Other: 44.44%
- Electrician: 11.11%
- Floorman: 11.11%
- Driller (Asst. Dr.): 11.11%
- Roustabout (Lease Hand): 22.22%
Central America & Caribbean Water Total Recordable Incidents by Occupation (Chart 4)
Based on 22 Incidents

- Other: 40.91%
- Roustabout (Lease Hand): 27.27%
- Electrician: 9.09%
- Driller (Asst. Dr.): 4.55%
- Mechanic: 4.55%
- Floorman: 4.55%
- Crane / Forklift Operator: 4.55%
- Welder: 4.55%
Central America & Caribbean Water Lost Time Incidents by Body Part (Chart 5)
Based on 9 Incidents

- Hand(s) / Wrist(s): 22.22%
- Trunk/Torso (chest, abdomen, groin): 11.11%
- Knee(s): 11.11%
- Elbow(s): 11.11%
- Head: 11.11%
- Leg(s): 11.11%
- Feet/Ankles: 22.22%
- Hand(s) / Wrist(s): 22.22%
Central America & Caribbean Water Total Recordable Incidents by Body Part (Chart 6)
Based on 22 Incidents

- Feet/Ankles: 9.09%
- Leg(s): 9.09%
- Back: 4.55%
- Head: 9.09%
- Eyes (eyelid): 9.09%
- Toes: 4.55%
- Elbow(s): 4.55%
- Knee(s): 4.55%
- Trunk/Torso (chest, abdomen, groin): 9.09%
- Hand(s) / Wrist(s): 13.64%
- Finger(s): 22.73%
Central America & Caribbean Water Lost Time Incidents by Incident Type (Chart 7)
Based on 9 Incidents

- Struck By: 33.33%
- Other: 33.33%
- Exposure to Gas: 11.11%
- Flame/heat/steam (contact/exposed): 11.11%
- Contact With Chemicals/Fluids: 11.11%
Central America & Caribbean Water Recordable Incidents by Type (Chart 8)
Based on 22 Incidents

- Other: 31.82%
- Struck By: 31.82%
- Struck Against: 4.55%
- Caught Between/In: 9.09%
- Strain/Overexertion: 4.55%
- Flame/heat/steam (contact/exposed): 4.55%
- Debris: 4.55%
- Exposure to Gas: 4.55%
- Contact With Chemicals/Fluids: 4.55%

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Central America & Caribbean Water Lost Time Incidents by Equipment (Chart 9)
Based on 9 Incidents

- Rig Floor Winch/Deck Winch (air/hydraulic): 22.22%
- Chemicals (sack, drum, pail, bulk hopper): 11.11%
- Tongs: 11.11%
- Other: 55.56%
Central America & Caribbean Water Total Recordable Incidents by Equipment (Chart 10)
Based on 22 Incidents

- **Other** 45.45%
- **Rig Floor Winch/Deck Winch (air/hydraulic)** 9.09%
- **Elevators** 4.55%
- **Iron Roughneck, Pipe Spinner, etc.** 4.55%
- **Pipes/Collars/Tubulars/Csg.** 9.09%
- **Hand Tools: Manual** 4.55%
- **Material** 4.55%
- **Crane** 4.55%
- **Welding, Cutting, Grinding Equipment** 4.55%
- **Chemicals (sack, drum, pail, bulk hopper)** 4.55%
Central America & Caribbean Water Lost Time Incidents by Operation (Chart 11)
Based on 9 Incidents

- Routine Drilling Oper.: 22.22%
- Running Casing/Tubing: 11.11%
- Material Handling: Crane/Cherry Picker: 11.11%
- Rig/Equipment Repairs or Maintenance: 33.33%
- Other: 22.22%
Central America & Caribbean Water Total Recordable Incidents by Operation (Chart 12)
Based on 22 Incidents

- Other: 36.36%
- Routine Drilling Oper.: 9.09%
- Running Casing/Tubing: 9.09%
- Laying Down/Picking up Tubulars: 9.09%
- Material Handling: Crane/Cherry Picker: 9.09%
- Rig/Equipment Repairs or Maintenance: 27.27%
Central America & Caribbean Water Lost Time Incidents by Location (Chart 13)
Based on 9 Incidents

- Other: 66.67%
- Derrick/Mast: 22.22%
- Rig Floor: 11.11%
Central America & Caribbean Water Recordable Incidents by Location (Chart 14)
Based on 22 Incidents

- Other: 45.45%
- Rig Floor: 13.64%
- Pipe Rack/ Pipe Deck: 13.64%
- Derrick/Mast: 13.64%
- Living/Camp Areas/Accommodations: 4.55%
- Machinery Spaces: 4.55%
- Mud Pump Room: 4.55%
Central America & Caribbean Water Lost Time Incidents by Time in Service (Chart 15)

Based on 9 incidents

- 10+ yrs.: 22.22%
- >1 yr. < 5 yrs.: 55.56%
- >3 mos. < 6 mos.: 22.22%
Central America & Caribbean Water Recordable Incidents by Time In Service (Chart 16)
Based on 22 Incidents

- 10+ yrs.: 18.18%
- >1 yr. < 5 yrs.: 50.00%
- >6 mos. < 1 yr.: 18.18%
- >3 mos. < 6 mos.: 9.09%
- 0 mo. < 3 mos.: 4.55%
Central America & Caribbean Water Lost Time Incidents by Time of Day (Chart 17)
Based on 9 incidents

- 14:00: 33.33%
- 16:00: 22.22%
- 17:00: 11.11%
- 2:00: 11.11%
- 4:00: 11.11%
- 5:00: 11.11%
- 2:00: 11.11%
Central America & Caribbean Water Recordable Incidents by Time of Day Chart 18
Based on 22 Incidents

- 17:00: 9.09%
- 16:00: 18.18%
- 15:00: 13.64%
- 14:00: 13.64%
- 11:00: 4.55%
- 10:00: 9.09%
- 5:00: 13.64%
- 4:00: 9.09%
- 3:00: 4.55%
- 2:00: 4.55%
- 1:00: 13.64%

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