# Occupational Safety & Health Administration

## OIL & GAS RIG INSPECTION

### CHECKLIST FOR DRILLING & WELL SERVICING OPERATIONS

<table>
<thead>
<tr>
<th>Operating Company:</th>
<th>Rig #:</th>
<th>OSHA Inspection #:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Man:</td>
<td></td>
<td>Date/Time of Inspection:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drilling/Servicing Company Name &amp; Address:</th>
<th>Location:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Field:</td>
</tr>
<tr>
<td></td>
<td>Well #:</td>
</tr>
<tr>
<td></td>
<td>Well Name:</td>
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</table>

<table>
<thead>
<tr>
<th>Drilling/Servicing Company Name &amp; Address:</th>
<th>Location:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Field:</td>
</tr>
<tr>
<td></td>
<td>Well #:</td>
</tr>
<tr>
<td></td>
<td>Well Name:</td>
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<table>
<thead>
<tr>
<th>Phone #:</th>
<th>Fax #:</th>
<th>Safety Manager:</th>
</tr>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Toolpusher:</th>
<th>Driller:</th>
<th>Number of employees:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Site: Total:</td>
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<table>
<thead>
<tr>
<th>Ton Miles Logged:</th>
<th>BOP Test:</th>
<th>Operations:</th>
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<tr>
<td></td>
<td></td>
<td>DRILLING:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SERVICING:</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Depth of Well:</th>
<th>Days on Location:</th>
<th>Type of servicing operation conducted:</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Start Date:</th>
<th>Completion Date:</th>
<th>Other employers on site:</th>
</tr>
</thead>
</table>

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**CHECKLIST REVISION & ISSUE DATE:**

| 18 | June 22, 2009 |

OSHA-BRAO-O&G-CKLST-SST-001 REV16– 20051104
Purpose:

This checklist is a product of the Occupational Safety & Health Administration, Baton Rouge Area Office, in conjunction with the OSHA Region 6 Regional Emphasis Program (REP or LEP) for the Oil & Gas Industry.

The checklist combines the applicable requirements of 29 CFR 1910, American National Standards Institute (ANSI) Standards, American Petroleum Institute Recommended Practice 54 (API RP54), other more specific American Petroleum Institute Recommended Practices, and the current and previous checklists for drilling and well servicing rigs generated by the International Association of Drilling Contractors (IADC) and the Association of Energy Service Companies (AESC).

This checklist is not all inclusive, but is intended to provide a clear and consistent inspection approach for inspecting drilling and servicing rigs during REP/LEP inspections conducted by OSHA, but may also be used for Complaint & Fatality Investigations. It is also intended for guidance and use by the numerous employers during their day-to-day inspections of their rigs, and for the post-LEP inspection dissemination of information to other rigs, branches, divisions, etc of the employer’s organization. The overall goal of the checklist is to assure that all employees working at Oil & Gas sites are provided a safe and healthy work environment in an extremely dangerous industry.

This checklist shall be updated, as required, to keep up with advances in technology, changes in the industry and general updates to the contents of the checklist. Therefore, OSHA requests that all interested parties submit suggestions and recommendations to improve this checklist at any time to the Baton Rouge Area Office of OSHA, 9100 Bluebonnet Centre, Suite 201, Baton Rouge LA 70809.

References:

API RP 9B, Recommended Practice on Application, Care and Use of Wire Rope for Oilfield Service, 11th Edition - 2002
API RP 68, Recommended Practice for Oil & Gas Well Servicing and Workover Operations Involving Hydrogen Sulfide, 1st Edition - 1998
ANSI B30.*, American National Standards Institute, Various crane (*type) standards
ANSI B56.1, American National Standards Institute, Safety Standard for Low Lift and High Lift Trucks, 1993 edition
ANSI B56.6, American National Standards Institute, Safety Standard for Rough Terrain Forklift Trucks, 2002 Edition

Legend:

SAT – Satisfactory Condition or “Yes” Response
UNS – Unsatisfactory Condition or “No” Response
N/A – Not applicable
DSB – Condition applies to (D)rilling, (S)ervicing or (B)oth in general, but may not apply to a specific site.
CDI – Unsatisfactory condition that was corrected during the inspection or within 24 hours after the completion of the inspection.
Standard – Applicable OSHA, API, ANSI or other government or industry recognized standard.
Highlighted Condition Description – Applicable to environments containing Hydrogen Sulfide (H2S) and/or Sulfur Dioxide (SO2) ONLY.

Disclaimers:

This information has been developed by OSHA and is intended to assist employers, workers, and others as they strive to improve workplace safety & health. While we attempt to thoroughly address specific topics and/or hazards, it is not possible to include discussion of everything necessary to ensure a healthy and safe working environment. Thus, this information must be understood as a tool for addressing workplace hazards, rather than an exhaustive statement of an employer’s legal obligations, which are defined by statute, regulations and standards. Likewise, to the extent that this information references practices or procedures that may enhance health or safety, it cannot, and does not create additional legal obligations. Finally, over time, OSHA may modify rules and interpretations in light of new technology, information or circumstances; to keep apprised of such developments, or to review information on a wide range of occupational safety and health topics, you can visit OSHA’s website at www.osha.gov.

Inspection results documented by this completed check list are valid only for this inspection and are not valid indicators of past or future inspection history of the employer.

Distribution of this check list is unlimited – OSHA, Employers, & Industry Groups

2
<table>
<thead>
<tr>
<th>CHECK LIST ID #</th>
<th>LINE ITEM #</th>
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<td>8a</td>
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<td>25</td>
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<td>1, 1a</td>
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<td>19</td>
<td>3,4,5,6,7,9,11</td>
<td>25-6</td>
<td>Added additional standard references</td>
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<td>19</td>
<td>15</td>
<td>26</td>
<td>Added additional standard references. Added “, detonators or other initiation devices contained” into condition description.</td>
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<td>20</td>
<td>-</td>
<td>27</td>
<td>Description of Special Services modified</td>
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<td>4, 5</td>
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<td>20B</td>
<td>12a, 16a</td>
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<td>20C</td>
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<td>Added additional standard reference</td>
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<td>20C</td>
<td>1a, 1b, 10</td>
<td>28</td>
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<td>20H</td>
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<td>29-30</td>
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1. **DRILL SITE/LOCATION**  

<table>
<thead>
<tr>
<th>#</th>
<th>Condition</th>
<th>SAT</th>
<th>UNS</th>
<th>N / A</th>
<th>DSB</th>
<th>CDI</th>
<th>Standard</th>
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<tbody>
<tr>
<td>1</td>
<td>Authorized Personnel Sign Posted at entrance to site</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1910.145(c)(2)(i)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RP54 7.1.2-3</td>
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<tr>
<td>1a</td>
<td>Visible rig identification sign erected at entrance to site road and all</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1910.151(a)</td>
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<tr>
<td></td>
<td>directional changes on site road (for 911 services)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Hard Hat/Safety Glasses/Steel Toe Shoe Signs Posted at entrance to site</td>
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<td></td>
<td></td>
<td></td>
<td>1910.145(c)(3)</td>
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<tr>
<td>3</td>
<td>No Smoking Area’s Designated &amp; Posted</td>
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<tr>
<td>4</td>
<td>No Parking within 100 ft of the rig or within the guywire perimeter</td>
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<td></td>
<td></td>
<td></td>
<td>1910.145(c)(2)(i)</td>
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<tr>
<td></td>
<td>Vehicles not involved in immediate operations should be located 100 feet</td>
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<td></td>
<td></td>
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<td>RP54 6.1.15</td>
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<tr>
<td></td>
<td>(30.5m) from the well bore.</td>
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<td></td>
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<td></td>
<td>RP49 8.1</td>
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<td>5</td>
<td>H2S/SO2 warning signs erected, if applicable, at entrance to site and</td>
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<td></td>
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<td>1910.145(c)(3)(i)</td>
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<tr>
<td></td>
<td>at other prominent locations on site</td>
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<td>1910.1000(e)</td>
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<td>RP49 6.2-3</td>
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<td>5a</td>
<td>Terrain evaluated for H2S/SO2.</td>
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<td></td>
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<td></td>
<td>RP49 8.1</td>
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<tr>
<td>6</td>
<td>H2S/SO2 monitoring devices in use, if applicable</td>
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<td>1910.1000(e)</td>
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<td>RP49 6.2-3</td>
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<tr>
<td>6a</td>
<td>H2S monitoring equipment properly maintained &amp; calibrated</td>
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<td></td>
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<td>RP49 8.1</td>
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<tr>
<td>7</td>
<td>Positive pressure/pressure demand breathing apparatus with full</td>
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<td></td>
<td></td>
<td></td>
<td>RP49 6.6.1</td>
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<tr>
<td></td>
<td>face piece used while working in areas where atmospheric concentrations</td>
<td></td>
<td></td>
<td></td>
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<td>RP49 6.1</td>
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<tr>
<td></td>
<td>exceed 10 ppm (H2S) or 2 ppm (SO2)</td>
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<td></td>
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</tr>
<tr>
<td>7a</td>
<td>Emergency escape air packs and life lines are readily and</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>1910.134(d)(2)(i)</td>
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<tr>
<td></td>
<td>quickly available, if applicable</td>
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<td>RP49 6.6.2</td>
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<td>8</td>
<td>Emergency escape air packs properly maintained and fully charged</td>
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<td>8a</td>
<td>Emergency escape air packs stored in a convenient, clean and sanitary</td>
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<td>RP49 6.6.2</td>
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<tr>
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<td>8b</td>
<td>Standby person qualified in first aid and CPR with suitable rescue</td>
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<td>RP49 6.6.2</td>
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<td>equip, &amp; appropriate breathing apparatus provided</td>
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<td>RP49 6.1</td>
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<tr>
<td>9</td>
<td>Escape &amp; Guy wires flagged with visible material</td>
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<tr>
<td>9A</td>
<td>Capacity of guywire anchors verified</td>
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<tr>
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<td>□ Base Beam Anchor □ Screw-type Anchor □ Permanent (Cement) Anchor □</td>
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<tr>
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<td>Other</td>
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<td>RP4G 14.5.1</td>
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<tr>
<td>10</td>
<td>Outhouse/restroom facility provided or in close proximity to the site.</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>(LT 10 min travel time or 2 miles, whichever is less) (Facility in close</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>proximity only applies if the site is active for less than 1 day)</td>
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<td></td>
<td>1910.141(c)(1)(i)</td>
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<td>Outhouse clean and sanitary, if provided.</td>
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<td></td>
<td></td>
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<td>1910.142(d)(10)</td>
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<td>12</td>
<td>Hard hats &amp; Safety glasses available for visitors</td>
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<td>1910.132(a)</td>
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<td>13</td>
<td>Toolpusher’s trailer grounded</td>
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<td>RP54 6.1.16</td>
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<td>Toolpusher’s trailer securely positioned</td>
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<td>RP54 6.1.16</td>
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<td>15</td>
<td>Housekeeping</td>
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<td>Distance from overhead powerlines GT 10 ft</td>
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<td>Toolpusher at rig location</td>
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<td>18</td>
<td>Muster area designated</td>
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<td>18A</td>
<td>Muster area posted</td>
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<td>19A</td>
<td>Sign posted directing visitors to report to the site office upon entry</td>
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<td>Warning signs clean and visible</td>
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Section N/A: _____
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<tr>
<td>21</td>
<td>All vessels labeled as to their contents</td>
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<td>1910.1200(0)(4-5)</td>
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<td>22</td>
<td>Work areas should be maintained clean and free of debris and tripping hazards.</td>
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<td>RP54 6.5.1</td>
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<td>23</td>
<td>Crew change house clean</td>
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<td>RP54 6.5.1</td>
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<td>24</td>
<td>Wind Sock, wind streamer, etc. placed in readily visible points on the location...</td>
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<td>RP49 8.2.3</td>
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<td>25</td>
<td>Evacuation/All-clear alarms</td>
<td>B</td>
<td>1910.38(d)</td>
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<td>26</td>
<td>Hazardous locations identified</td>
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<td>27</td>
<td>Rig substructure, derrick/mast, and other equipment as appropriate grounded to prevent accumulation of static charge</td>
<td>B</td>
<td>RP54 6.1.16</td>
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### 2. TRAINING, PPE & GENERAL SAFETY

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<td>1</td>
<td>First Aid Training provided</td>
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<td>RP54 4.3.1</td>
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<tr>
<td>1a</td>
<td>Certification Card(s) available</td>
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<td></td>
</tr>
<tr>
<td>2</td>
<td>H2S Training provided, if applicable</td>
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<td>RP49 5.1-6</td>
</tr>
<tr>
<td>2a</td>
<td>Certification Card(s) available</td>
<td>B</td>
<td>RP49 5.6</td>
</tr>
<tr>
<td>2b</td>
<td>H2S training documentation of rig personnel available</td>
<td>B</td>
<td>RP49 5.6</td>
</tr>
<tr>
<td>2c</td>
<td>Onsite H2S safety review conducted</td>
<td>B</td>
<td>RP 49 10.2</td>
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<tr>
<td>2d</td>
<td>H2S training drills conducted on a regular basis</td>
<td>B</td>
<td>RP49 7.9, 10.7</td>
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<tr>
<td>3</td>
<td>Regularly scheduled and impromptu meetings of the crew, in which the probable hazards, problems of the job, and related safe practices are emphasized and discussed.</td>
<td>B</td>
<td>RP54 6.1.7</td>
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<tr>
<td>3a</td>
<td>Weekly safety meeting being conducted</td>
<td>B</td>
<td>RP54 6.1.7</td>
</tr>
<tr>
<td>3b</td>
<td>Special safety meetings conducted when H2S/SO2 present</td>
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<td>RP49 11.10.1b</td>
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<tr>
<td>3c</td>
<td>Safety meetings properly documented</td>
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<td>RP54 6.1.7</td>
</tr>
<tr>
<td>3d</td>
<td>Accidents, if any, are discussed during safety meetings</td>
<td>B</td>
<td>RP54 6.1.7</td>
</tr>
<tr>
<td>3e</td>
<td>Pre-Job safety meeting held</td>
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<td>RP54 6.1.7</td>
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<td>4</td>
<td>OSHA poster posted</td>
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<td>1903.2(a)(1)</td>
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<td>5</td>
<td>Pre-Job safety meeting held</td>
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<td></td>
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<tr>
<td>6</td>
<td>Safety equipment available</td>
<td>B</td>
<td>1910.132(a)</td>
</tr>
<tr>
<td>7</td>
<td>Proper clothing worn by crew (No loose clothing).</td>
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<td>RP54 5.2.5</td>
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<tr>
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<td></td>
<td>RP54 5.2.6</td>
<td>1910.132(a)</td>
</tr>
<tr>
<td>8</td>
<td>Hard hats used by crew</td>
<td>B</td>
<td>RP54 5.2.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1910.135(a)(1-2)</td>
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<tr>
<td>9</td>
<td>Eye protection as appropriate for the work being done should be worn by personnel.</td>
<td>B</td>
<td>RP54 5.2.2</td>
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<td></td>
<td></td>
<td>1910.133(a)(1-5)</td>
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</tr>
<tr>
<td>10</td>
<td>Hard toed shoes used by crew</td>
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<td>RP54 5.2.3</td>
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<td>1910.136(a)</td>
<td></td>
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<tr>
<td>11</td>
<td>Jewelry or other adornment subject to snagging of hanging should not be worn in the work area.</td>
<td>B</td>
<td>RP54 5.2.7</td>
</tr>
<tr>
<td>12</td>
<td>Fall protection used, when required</td>
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<td>13</td>
<td>No Smoking rules observed</td>
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<td>RP54 7.1.3</td>
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<td>14</td>
<td>OSHA Log available on location. _____accidents during current year</td>
<td>B</td>
<td>1904.29(a-b)</td>
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<td></td>
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<td>1904.40(a-b)</td>
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<tr>
<td>14a</td>
<td>Injuries reported and documented immediately</td>
<td>B</td>
<td>RP54 4.1.1-2</td>
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<td>15</td>
<td>First Aid Kit/Bloodborne Pathogen Kit available on site</td>
<td>B</td>
<td>1910.151(b)</td>
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<td>16</td>
<td>Communications equipment should be in good working order before commencing operations.</td>
<td>B</td>
<td>RP 54 12.3.3</td>
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</table>
Emergency phone numbers posted

Provisions made for prompt medical attention for serious injuries

HAZCOM program.

MSDS’s available and accessible at all times

Adequate communication w/other contractors on site

Designated personnel have adequate understanding of and be able to operate the BOP system.

A safety program should be established and maintained.

Respiratory Protection Program

A safety program should be established and maintained.

Respiratory Protection Program

Job Safety Analysis (JSA) conducted for each task

Long Hair contained

All incidents resulting in injuries to employees investigated and documented to prevent recurrence

Smoking or open flames not permitted within 20 ft of compressed gases are used or stored

Flammable liquids not stored within 50 ft of wellbore

Critical Equipment periodically inspected & tested

Drive belts, drive chains, rotating parts, gears, pony rods, and drive shafts guarded to prevent personnel from coming in contact with moving parts.

Mud pump head and valve covers securely attached (fully bolted)

Shear pin pop-off valve and properly covered is of shear pin type.

Ends of relief lines, high pressure lines, etc secured

Ends of mud vibrator hose snubbed

Pressure relief valves installed

General housekeeping of the area

Adequate lighting provided

Approved lighting for the location available

High pressure fitting used in high pressure system

Discharge lines from relief valves are anchored

Pumps, piping, hoses, valves and other fittings are maintained in good operating condition

Pumps, piping, hoses, valves and other fittings not operated at

3A. MUD PUMP AREA

<table>
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<th>N</th>
<th>S</th>
<th>A</th>
<th>D</th>
<th>S</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>I</th>
<th>Standard</th>
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<td>1</td>
<td>Drive belts, drive chains, rotating parts, gears, pony rods, and drive shafts guarded to prevent personnel from coming in contact with moving parts.</td>
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<td>RP54 6.8.2-3 1910.219(c)(1-6) 1910.219(c)(2)(i)</td>
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<td>2</td>
<td>Mud pump head and valve covers securely attached (fully bolted)</td>
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<td>Shear pin pop-off valve and properly covered is of shear pin type.</td>
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<td>1910.169(b)(3)(i-iv) RP54 9.13.11</td>
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<td>5</td>
<td>Ends of mud vibrator hose snubbed</td>
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<td>RP54 6.5.1 1910.22(a)(1)</td>
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<td>Adequate lighting provided</td>
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<td>Approved lighting for the location available</td>
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<td>High pressure fitting used in high pressure system</td>
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<td>11</td>
<td>Discharge lines from relief valves are anchored</td>
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<td>Pumps, piping, hoses, valves and other fittings are maintained in good operating condition</td>
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<td>RP54 9.13.4</td>
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<td>Pumps, piping, hoses, valves and other fittings not operated at</td>
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3B. MUD MIXING AREA

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<td>Bagged material properly stacked</td>
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<td>Assessment for respirator use conducted, documented and available.</td>
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<td>Adequate personal protective equipment available:</td>
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<td>RP54 5.2.1 &amp; 4</td>
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<td></td>
<td>□ Rubber Gloves □ Apron □ Face Shield □ Goggles</td>
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<td>□ ½ mask □ Full Face □ Other:_______</td>
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<td>2B</td>
<td>Employees using required PPE</td>
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<td>Personal protective equipment properly stored</td>
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<td>1910.134(b)(2)(i)</td>
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<td>3A</td>
<td>“PPE Required” warning signs erected (Grouped or individual signs)</td>
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<td>1910.145(c)(2)(i)</td>
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<td>3B</td>
<td>Chemical hazard warning signs erected</td>
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<td>1910.145(c)(2)(i)</td>
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<td>Personal protective equipment properly maintained and in a clean &amp; sanitary condition.</td>
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<td>1910.132(a)</td>
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<td>1910.134(b)(1)</td>
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<tr>
<td>5-1</td>
<td>Eye wash station available in close proximity (10 seconds walking distance from hazard)</td>
<td>B</td>
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<td>1910.151(c)</td>
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<td>Z358.1 5.4.2</td>
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<td>RP54 4.4.1</td>
</tr>
<tr>
<td>5-2</td>
<td>Emergency Shower* available in close proximity (10 seconds walking distance from hazard). (* especially when caustic is used, but not limited to)</td>
<td>B</td>
<td></td>
<td></td>
<td></td>
<td>1910.151(c)</td>
</tr>
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<td>Z358.1 5.4.2</td>
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<td>RP54 4.4.1</td>
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<tr>
<td>5A-1</td>
<td>Eye wash provides a minimum continuous flow of 0.4 gallons of water/solution per minute for 15 minutes</td>
<td>B</td>
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<td>Z358.1 5.1.6</td>
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<tr>
<td>5A-2</td>
<td>Emergency Shower provides a minimum continuous flow of 20 gallons of water per minute for 15 minutes.</td>
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<td>Z358.1 4.1.4</td>
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<tr>
<td>5B</td>
<td>Eye wash/emergency shower location identified with visible sign</td>
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<td></td>
<td></td>
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<td>Eye wash/emergency shower access free from obstructions</td>
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<td>Eye wash station/emergency shower in working order</td>
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<td>Eye wash station/emergency shower in a clean &amp; sanitary condition</td>
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<td>Eye wash station/emergency shower providing clean water supply</td>
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<td>Adequate lighting provided</td>
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3C. MUD TANKS & PITS

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<td>1910.22(a)(1)</td>
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</table>
|   | Adequate stairs with handrails | B | 1910.24(h)  
| 1 | Adequate walkways and guardrails | B | 1910.23(d)(1)  
| 2 | Guardrails installed on all raised platforms, walkways, etc above 48” | B | 1910.23(c)(1)  
| 3 | Walkways free from obstruction and/or damage | B | 1910.23(c)(1)  
| 4 | Guardrails provided on crossovers | B | 1910.23(c)(1)  
| 5 | “PPE Required” warning signs erected (grouped or individual signs) | B | 1910.145(c)(2)(i)  
| 6 | Chemical hazard warning signs erected | B | 1910.145(c)(2)(i)  
| 6A | Chemical hazard warning signs erected | B | 1910.145(c)(2)(i)  
| 7 | Shale shaker properly guarded | B | 1910.307(b)(1-3) & subsections  
| 8 | Explosion proof equipment, fixtures and wiring used in the vicinity of the shale shaker. Class 1 Div 1/2 Location | D | 1910.307(c)  
| 9 | Agitator shafts & couplings properly guarded | B | 1910.23(c)(3)  
| 10 | Mud guns properly secured | B | RP54 9.11.2  
| 11 | Jetting hoses properly secured | B | RP54 9.11.2  
| 12 | Desander Unit in good condition | D |  
| 12A | Explosion proof equipment, fixtures and wiring used in the vicinity of the Desander. Class 1 Div 2 Location | D | 1910.307(b)(1-3) & subsections  
| 13 | Desilter Unit in good condition | D |  
| 13A | Explosion proof equipment, fixtures and wiring used in the vicinity of the Desilter Class 1 Div 2 Location | D | 1910.307(b)(1-3) & subsections  
| 14 | Degasser Unit in good condition | D |  
| 14A | Drive belts and shafts guarded | D | 1910.23(c)(1)  
| 15 | Approved lighting for the location installed | B | 1910.307(b)(1)  
| 16 | Adequate lighting provided | B | RP54 9.14.7  
| 17 | Assessment for respirator use conducted, documented and available. | B | RP54 5.4.1  
| 17A | Adequate personal protective equipment available:  
| | □ Rubber Gloves □ Apron □ Face Shield □ Goggles  
| | □ Respirator: □ ½ mask □ Full Face  
| | □ Other: _______ | B | RP54 5.1  
| 17B | Employees using all required PPE | B | 1910.132(a)  
| 18 | Personal protective equipment properly stored | B | RP54 6.13.2  
| 19 | Personal protective equipment properly maintained and in a clean & sanitary condition. | B | RP54 6.13.2  
| 20 | Stairways and ladders secured | B | RP54 9.3.8  
| 21-1 | Eye wash station in close proximity (10 seconds walking distance from hazard) | B | 1910.151(c)  
| 21-2 | Emergency Shower* available in close proximity (10 seconds walking distance from hazard). (* especially when caustic is used, but not limited to) | B | 1910.151(c)  
| 21A-1 | Eye wash provides a minimum continuous flow of 0.4 | B | Z358.1 5.1.6  

8
4. MATERIAL HANDLING EQUIPMENT      Section N/A:_______

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<tr>
<td>1</td>
<td>Material Handling Equipment (fork lift) operators trained and certified.</td>
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<td>1910.178(l)(1-8) B56.6 5.16 B56.6 5.17.1-4</td>
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<td>1A</td>
<td>Training &amp; Certification documents available on site</td>
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<td>2</td>
<td>Correct type of Fork Lift, etc in use for the location</td>
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<td>B56.6 5.2.19 B56.6 5.6.2 B56.6 6.2.16</td>
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<td>3</td>
<td>Personnel basket securely attached to forks, if applicable</td>
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<td>1910.178(m)(12)(i) B56.6 5.15.1(b)</td>
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<td>4</td>
<td>Personnel wearing proper fall protection while in basket</td>
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<td>5</td>
<td>Backup alarm operational</td>
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<td>B56.6 4.15.1 B56.6 5.13.1-2</td>
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<td>Fork Lift equipped with seat belts</td>
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<td>Seat belts in use by operators</td>
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<td>B56.1 5.3.19</td>
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<td>Fork Lift inspected prior to use (daily)</td>
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<td>1910.178(p)(7) B56.6 6.5.1-2</td>
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<td>9</td>
<td>Fork lift stability during movement or lifting</td>
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5. GENERATOR AREA & ELECTRICAL SYSTEMS      Section N/A:_______

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<td>1</td>
<td>Generators properly located 100ft + from wellhead</td>
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<td>Moving parts guarded</td>
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<td>3</td>
<td>Generators properly grounded</td>
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<td>4</td>
<td>Cover panels on electrical control boxes installed and closed.</td>
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<td>1910.305(b)(2)  1910.335(a)(2)(ii)</td>
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<td>5</td>
<td>All electrical controls marked as to their function and legible.</td>
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<td>“HIGH VOLTAGE” warning signs erected</td>
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<td>Insulating mats available at electrical panels</td>
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<td>All electrical tools grounded</td>
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<td>1910.304(f)(5)(v)</td>
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<td>Electrical wires properly strung</td>
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<td>Electrical wiring properly secured</td>
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<td>10B</td>
<td>Overload protection installed on all generators</td>
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<td>Unused electrical outlets covered</td>
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<td>Air compressors properly guarded</td>
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<td>Air storage tanks equipped with pop-off valve</td>
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<td>1910.169(b)(3)(i-iv)</td>
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<td>Lockout/Tagout program in place and devices available</td>
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<td>RP54 6.9.1  RP54 9.14.9</td>
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<td>“Hearing Protection Required” warning signs erected.</td>
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<td>Approved lighting for the location provided.</td>
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<td>1910.307(b)(1)  RP54 9.14.10  RP500 5.3</td>
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<td>Electrical wiring/fixtures/etc approved for the location (CI 1 Div 1 or 2 location) (Based on worst condition scenario)</td>
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<td>Wiring installed so as to protect it from abrasion, being subjected to vehicular and foot traffic, burns, cuts, and damage from other sources.</td>
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<td>RP54 10.2.3  1910.305(a)(1)(iii)(G)</td>
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<td>24</td>
<td>Electrical wires smaller than #12 not spliced</td>
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<td>Splices on hard service cords #12 or larger retain insulation, outer sheath protection properties and usage characteristics of the original cord.</td>
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<td>RP54 10.2.4  1910.305(g)(2)(ii)</td>
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<td>Plugs of electrical extension cords in good condition</td>
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<td>Electrical cords, fixed or extension, not run through doorways</td>
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<td>Electric cord and cable strain relief</td>
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<td>Water hose kept away from generator units and electrical control boxes in generator house.</td>
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6. **FIRE PROTECTION**

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<td>Flare lines should be as long as practical and straight as possible and securely anchored.</td>
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<td>Flare area, if present, is clear of combustibles</td>
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<td>Flare Lines &amp; Flare Stack location based on prevailing wind direction.</td>
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<td>Boiler Safety Controls operating properly</td>
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<td>Welding work performed safely</td>
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<td>Engines within 100 feet of the well have spark and heat arrester, or water, on all engine exhausts</td>
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<td>RP54 9.15.3</td>
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<td>All engines located approx 100 ft from the well or gas source, if possible</td>
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<td>Fire extinguishers tagged and/or inspection data recorded.</td>
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<td>1910.157(c)(1-5) RP54 7.2.3 RP54 7.2.7</td>
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7. FUEL & OTHER FLAMMABLE LIQUID STORAGE TANKS, Including FRAC TANKS, & NON-FLAMMABLE STORAGE TANKS

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<td>H2S precautions enacted when working near stored fluids that may have been contaminated with H2S</td>
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12  “Flammable” warning signs erected on all sides  B  1910.1200(f)(4-5)
13  “No Smoking” signs erected on all sides  B  RP54 7.1.2-6
14  “No Open Flame” signs erected on all sides  B  RP54 7.1.2-6
15  Vapor release vents elevated & away from ignition sources  B  1910.106(b)(2)(iv)(c)
16  General housekeeping  B  RP54 6.5.1
17  Grass & debris kept away from area  B  RP54 6.5.1
18  B/C Class fire extinguisher available and identified  B  RP45 8.4.1e
19  Protective caps on all fuel cylinders when not in use.  B  RP54 8.3.3
20  Fuel & Flammable Storage tanks ESD protected:  B  RP2003 4.5.2
  □ Splash Filling Prohibited
  □ Fill Line & Discharge Velocity Limited
  □ Grounded
21  Contents of NON-FLAMMABLE storage tanks identified on all sides of tank(s)  B  1910.145(c)(2)(i)
                                         1910.145(c)(3)

Comments:______________________________________________________________
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8. **PIPE RACK AREA**  

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<td>Spacers used to separate layers of pipe</td>
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<td>Layers of pipe properly chocked</td>
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<td>Pipe racks are level and stable</td>
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<td>Pipe rack catwalk in good condition</td>
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<td>Pipe rack and catwalk at same height</td>
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<td>Stairs with handrails provided</td>
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<td>Pipe stops used on V-door slide in good condition</td>
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<td>Pipe tubs and bridles in good condition</td>
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<td>Derrick stand and ladder in good condition</td>
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<td>15</td>
<td>Approved lighting installed</td>
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9. **BLOW-OUT PREVENTERS**

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<tr>
<td>1</td>
<td>BOP properly installed</td>
<td>RP500 5.3</td>
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<td>2</td>
<td>BOP properly tested</td>
<td>RP500 10.1-16</td>
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<td>3</td>
<td>BOP functional</td>
<td>RP54 6.5.1</td>
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<td>3A</td>
<td>All lines, valves, check valves, flow fittings, etc have a working pressure ET/GT the rated working pressure of the rams in use</td>
<td>RP53 10.2.1</td>
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<td>4</td>
<td>Wheels and stems in place, if automatic device is not available</td>
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<td>5</td>
<td>BOP stack properly stabilized</td>
<td>RP54 6.4.1</td>
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<td>6</td>
<td>All hydraulic lines connected</td>
<td>RP54 6.4.14</td>
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<td>7</td>
<td>All unused hydraulic lines capped and secured</td>
<td>RP54 6.4.18</td>
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<td>8</td>
<td>Accumulator unit properly located</td>
<td>RP54 7.2.2</td>
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<td>8a</td>
<td>Accumulator bottles labeled with contents</td>
<td>1910.1200(f)(5-6)</td>
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<tr>
<td>8b</td>
<td>Accumulator operational warning signs erected</td>
<td>1910.145(c)(2)(i)</td>
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<td>9</td>
<td>Accumulator valves in appropriate position, open or closed</td>
<td>RP54 7.2.2</td>
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<tr>
<td>9A</td>
<td>Accumulator valves identified as to purpose and position</td>
<td>RP54 7.2.2</td>
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<tr>
<td>10</td>
<td>Gauges properly installed &amp; located</td>
<td>RP53 8.2i</td>
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11 Choke manifold and line secured  B  RP54  6.4.18
11a Choke manifold accessible  B  RP53  8.2c
12 Flare line as long as particle and straight as possible.  B  RP53  15.1
12a Flare line securely anchored.  B  RP53  16.11
13 Remote controlled igniter installed.  B
14 Adequate lighting provided  B  RP54  9.14.7
15 Approved lighting for the location installed  B  1910.307(b)(1)
                                 RP50  5.3
                                 RP50  10.1-16
16 Warning signs erected as required for example:
 □ Flammable □ H2S □ Hard Hat □ Eye Protection
 □ Confined Space □ Auth. Personnel □ Ear Protection  B  1910.145(c)(2)(i)
17 Proper drainage provided  B  RP54  6.5.2
18 General housekeeping  B  RP54  6.5.1
                                 1910.22(a)(1)
19 Safety (stabbing) valve and handle for tubing installed  B  RP54  6.4.2
20 Choke Manifold Hydraulic controls accessible  B  RP53  8.2]
21 Choke Manifold Gauges in working order  B  RP53  8.2i
                                 RP53  12.5.3g
22 Hydraulic lines protected  B  RP53  12.5.2
23 BOP Control Lines & Valves identified  B  RP54  6.4.11
                                 RP53  12.5.3f
24 Preventor work boards secure  D  1910.28(a)(11)
25 Daily inspections of the BOP’s conducted  B  RP54  6.4.7
26 Complete set of spare parts maintained & readily available  B  RP53  6.4
27 Kill line system connected and functional  B’  RP53  10.1-4

Comments:
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10. DERRICK & SUBSTRUCTURE                     Section N/A:______

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<td>Assembly pins secured with keepers</td>
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<td>RP 4G App A &amp; B</td>
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11. DRILL FLOOR AREA

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<td>Drawworks operator at or near controls while in operation</td>
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<td>Weight indicator visible to drawworks operator</td>
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<td>Operator’s drawworks controls properly labeled/identified</td>
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<td>Pipe slips &amp; Dies in good condition</td>
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<td>Air/hydraulic hoist line guide in operating condition</td>
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<td>Air/hydraulic hoist line properly layed/wound on drum</td>
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<td>Cathead friction surface in good condition</td>
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<td>Cathead line divider/grip in good condition</td>
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<td>Catline not worn or kinked, if available</td>
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<td>Appropriate operating tools (wrench) are readily available.</td>
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<td>Spinning chain in good condition</td>
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<td>Refer to Sect. 11 (Use tong requirements)</td>
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<td>Headache post in good condition</td>
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<td>Crown saver device installed and operational</td>
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<td>Drawworks hoisting line in good condition</td>
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<td>Sufficient wraps left on drum with blocks in down position</td>
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<td>Drawworks brake linkage inspected</td>
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<td>Tubing and sand line brakes</td>
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<td>Road gear lockout</td>
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<td>Handling winch &amp; tail chain grade 8 &amp; tagged</td>
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<td>Overrunning clutch in good condition</td>
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<td>Adequate lighting provided</td>
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<td>General housekeeping</td>
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<td>All derrick or mast platforms such as work platforms including derrick board/stabbing board are supported and secured against dislodging.</td>
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<td>Suspension cables or chains are grade 8 and tagged</td>
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<td>Work floor secured in up position with positive engagement</td>
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<td>RP54 9.3.15</td>
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<td>Sliding section equipped with stops or pins</td>
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<td>Minimum 2 exits from drill floor doghouse</td>
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<td>Drill floor doghouse doors installed properly</td>
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<td>First aid kit available in drill floor doghouse</td>
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<td>The rig floor is in an orderly manner and free of objects that could cause slipping or tripping hazards or hinder rapid egress.</td>
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12. POWER AND HAND TOOLS  

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<td>Tongs securely fastened to a suitable fixed structure using a wire rope or stiff arm.</td>
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<td>“Dead man” switch installed on all Electric and Pneumatic tools</td>
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13. **HOISTING TOOLS, HOOKS, BAILS, ELEVATORS AND OTHER RELATED EQUIPMENT**

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<td>Traveling blocks in good condition</td>
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<td>Traveling blocks properly guarded</td>
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<td>RP54 9.7.4</td>
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<td>Sheave guards in good condition</td>
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<td>Bales and/or links in good condition</td>
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<td>Elevators in good condition</td>
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<td>6</td>
<td>Rod hook in good condition</td>
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<td>Hoisting hook equipped with safety latch or equiv.</td>
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<td>RP54 9.7.3</td>
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<td>8</td>
<td>Crown block assembly secured</td>
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<td>RP54 9.7.5</td>
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<td>9</td>
<td>Transfer elevators in good condition</td>
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<td>RP54 9.7.1</td>
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<td>10</td>
<td>Crew members not permitted to ride traveling block</td>
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<td>11</td>
<td>Pump end of rotary hose has a chain or cable snub line attached to the derrick or mast leg</td>
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<td>RP54 9.7.7</td>
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<td>Swivel end of rotary hose has a chain or cable snub line attached to the swivel</td>
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<td>13</td>
<td>Hoisting line inspected daily</td>
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14. **STAIRS, LADDERS, HANDRAILS & GUARDRAILS**

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<td>Adequate sets of stairs provided off rig (Drill rig floors should have a minimum of two sets of stairs)</td>
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<td>RP54 9.3.10 1910.24(b) 1910.36(b)(1)</td>
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<td>Stairs level</td>
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<td>RP54 9.3.9</td>
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<td>4</td>
<td>Stairs secure</td>
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<td>RP54 9.3.8</td>
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<td>5</td>
<td>No obstructions</td>
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<td>6</td>
<td>Adequate handrails provided on stairs with 4 or more risers.</td>
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<td>RP54 9.3.8 1910.24(h)</td>
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<td>7</td>
<td>Stair treads of uniform size</td>
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<td>RP54 9.3.9 1910.24(d)</td>
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<td>8</td>
<td>Non-skid type stair treads</td>
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<td>9</td>
<td>Stair treads not damaged</td>
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<td>10</td>
<td>Guardrails, Midrails, &amp; Toeboards installed along all open side edges of floors, platforms, etc, 4ft above ground level</td>
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<td>Ladders extend 3.5 ft above platform</td>
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### WORKOVER/DRILLING RIG VEHICLE

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<td>Adequate supplemental footing for jacks provided (matting)</td>
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### 16. HOTWORK, WELDING & FLAME CUTTING OPERATIONS

**Section N/A:_____**

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<td>Welding and flame cutting not permitted near explosives, flammables, accumulation of oil, escaping gas or near sources of ignition</td>
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<td>Helmets with face shields used during arc welding or arc cutting operations</td>
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<td>Goggles with proper shade selection used gas cutting or welding operations</td>
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<td>Helpers/attendants supplied with and using proper eye protection.</td>
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<td>Appropriate protective attire worn for welding and cutting operations</td>
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<td>Moveable fire hazards in vicinity of welding operations moved</td>
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<td>Guards used to confine heat, sparks &amp; slag to protect against fire hazards that cannot be moved.</td>
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<td>12</td>
<td>Area inspected by individual responsible for authorizing cutting or welding</td>
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<td>RP54 20.3.7&lt;br&gt;1910.252(a)(2)(iv)</td>
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<tr>
<td>13</td>
<td>Welding equipment in good condition</td>
<td>B</td>
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<td>RP54 20.4.1</td>
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<tr>
<td>14</td>
<td>Approve Oxygen &amp; Acetylene bottle used</td>
<td>B</td>
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<td>RP54 20.4.1</td>
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<tr>
<td>15</td>
<td>Oxygen &amp; Acetylene torches equipped with flash back arrestors</td>
<td>B</td>
<td></td>
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<td>RP54 20.4.2</td>
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<tr>
<td>16</td>
<td>Cylinders stored in assigned places and secured in place</td>
<td>B</td>
<td></td>
<td></td>
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<td>RP 54 20.4.4&lt;br&gt;1910.253(b)(2)(ii)</td>
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<tr>
<td>17</td>
<td>Oxygen &amp; Acetylene bottles labeled</td>
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<td>1910.1200(f)(5-6)</td>
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Comments:______________________________________________________________
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### 17. SPECIFIC OVER WATER OPERATIONS

22
## Conditions

<table>
<thead>
<tr>
<th>#</th>
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<th>Standard</th>
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<tbody>
<tr>
<td>1</td>
<td>Abandonment Procedures available</td>
<td>RP54 6.2.2</td>
</tr>
<tr>
<td>2</td>
<td>Water Entry Procedures available</td>
<td>RP54 6.2.2</td>
</tr>
<tr>
<td>3</td>
<td>Abandonment (Muster) Stations identified</td>
<td>RP54 6.2.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RP55 8.3</td>
</tr>
<tr>
<td>4</td>
<td>Emergency Signals</td>
<td>RP54 6.2.3</td>
</tr>
<tr>
<td>5</td>
<td>A minimum of 2 emergency escape means available to the water</td>
<td>RP54 6.2.2</td>
</tr>
<tr>
<td>6</td>
<td>Personal Floatation Devices (PFD’s) provided and available for use</td>
<td>RP54 6.2.4</td>
</tr>
<tr>
<td>7</td>
<td>Personal Floatation Devices in serviceable condition.</td>
<td>RP54 6.2.4</td>
</tr>
<tr>
<td>8</td>
<td>Ring Buoys available and ready for use</td>
<td>RP54 6.2.5</td>
</tr>
<tr>
<td>9</td>
<td>Minimum of 2 approved life floats or alternative available</td>
<td>RP54 6.2.6</td>
</tr>
<tr>
<td>10</td>
<td>Life float capable of accommodating all personnel present</td>
<td>RP54 6.2.6</td>
</tr>
<tr>
<td>11</td>
<td>Basket stretcher or equivalent available</td>
<td>RP54 6.2.8</td>
</tr>
<tr>
<td>12</td>
<td>Basket stretcher or equivalent easily located</td>
<td>RP54 6.2.8</td>
</tr>
<tr>
<td>13</td>
<td>Crew trained in the use of a Basket Stretcher or equivalent</td>
<td>RP54 6.2.8</td>
</tr>
<tr>
<td>14</td>
<td>PFD’s worn by personnel during transfer by crane</td>
<td>RP54 6.2.9</td>
</tr>
<tr>
<td>15</td>
<td>Personnel net or other device designed for the purpose used when transferring personnel by crane.</td>
<td>RP54 6.2.9</td>
</tr>
<tr>
<td>16</td>
<td>Personnel baskets inspected</td>
<td>RP54 6.2.9</td>
</tr>
<tr>
<td>17</td>
<td>Personnel baskets not used to transfer material</td>
<td>RP54 6.2.9</td>
</tr>
<tr>
<td>18</td>
<td>Cranes rated load capacity not exceeded</td>
<td>RP54 6.2.10</td>
</tr>
<tr>
<td>19</td>
<td>Crane inspections conducted</td>
<td>ANSI B30</td>
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<tr>
<td></td>
<td>⊗ (F) Daily-monthly ⊗ (P) 1-12 month intervals</td>
<td></td>
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<tr>
<td>20</td>
<td>Crane operations ceased and boom stowed properly during helicopter takeoff and landing.</td>
<td>RP54 6.2.10</td>
</tr>
<tr>
<td>21</td>
<td>PFD’s worn by personnel transferring by swingrope</td>
<td>RP54 6.2.11</td>
</tr>
<tr>
<td>22</td>
<td>Tag lines used when transferring material</td>
<td>RP54 6.2.12</td>
</tr>
<tr>
<td>23</td>
<td>H2S monitoring devices positioned to provide adequate warning to all personnel</td>
<td>RP49 6.3</td>
</tr>
<tr>
<td>24</td>
<td>Fresh air breathing apparatus available</td>
<td>RP49 6.6.6</td>
</tr>
<tr>
<td>25</td>
<td>Fresh air breathing apparatus easily accessible</td>
<td>RP49 6.6.2</td>
</tr>
<tr>
<td>26</td>
<td>Personnel trained in evacuation routes</td>
<td>RP49 5.2</td>
</tr>
<tr>
<td>27</td>
<td>Visual and audible alarms located where the alarm can be seen or hear throughout the work area.</td>
<td>RP49 6.4</td>
</tr>
<tr>
<td>28</td>
<td>Surface and air transportation maintained</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Boats and helicopters equipped with SCBA’s</td>
<td></td>
</tr>
</tbody>
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Comments:________________________________________________________________________
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### 18. CONFINED SPACES, EXCAVATIONS & HAZARDOUS ENVIRONMENTS

<table>
<thead>
<tr>
<th>#</th>
<th>Condition</th>
<th>SAT</th>
<th>UNS / A</th>
<th>DS</th>
<th>CD</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>All site personnel notified of the presence H2S, SO2, or other hazardous gases</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>RP54 6.7.1, RP49 11.1, RP68 12.1</td>
</tr>
<tr>
<td>1a</td>
<td>Employees trained for H2S, SO2 in confined spaces</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>RP49 5.2 j</td>
</tr>
<tr>
<td>2</td>
<td>Site evaluated to determine the presence of confined spaces/permit required confined spaces</td>
<td></td>
<td></td>
<td>B</td>
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<td>1910.146(c)(1)</td>
</tr>
<tr>
<td>3</td>
<td>Confined Space location warning signs erected</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>1910.146(c)(2), 1910.145(c)(2)(i)</td>
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<tr>
<td>4</td>
<td>Atmospheric testing of confined space prior to entry</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>RP54 6.7.4(a), 1910.146(c)(1)</td>
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<tr>
<td>5</td>
<td>Confined Space Permit Entry System &amp; Procedures</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>1910.146(c)(1-14), 1910.146(c)-(l), RP54 6.7.4(b), RP54 6.7.5(b)</td>
</tr>
<tr>
<td>6</td>
<td>Excavations, including trenches, deeper than 4 ft or containing hazardous gases tested prior to entry</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>RP54 6.7.5(a), 1926.651(g)(1)</td>
</tr>
<tr>
<td>7</td>
<td>Emergency Rescue equipment readily available</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>1926.651(g)(2)(i-ii), RP68 6.7</td>
</tr>
<tr>
<td>8</td>
<td>Employees protected from cave-ins while in excavations</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>1926.652(a)(1-2)</td>
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<tr>
<td>9</td>
<td>Water in excavation</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>1926.652(b)(1-3)</td>
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<tr>
<td>10</td>
<td>A means of egress from excavation provided</td>
<td></td>
<td></td>
<td>B</td>
<td></td>
<td>1926.651(c)(2)</td>
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Comments: ____________________________________________________________
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### 19. PERFORATING OPERATIONS AND USE OF EXPLOSIVES

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<tr>
<th>#</th>
<th>Condition</th>
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<th>UNS / A</th>
<th>DS</th>
<th>CD</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Non-essential engines, motors, and other sources of ignition are shut down during perforating operations</td>
<td></td>
<td></td>
<td>S</td>
<td></td>
<td>RP54 13.8.2, RP67 2.6.2.4, 2.9.1, 1910.109(e)(1)(vii)</td>
</tr>
<tr>
<td>1a</td>
<td>Smoking not permitted near explosives and/or no one near explosives shall possess matches, open light, or other fire or flame.</td>
<td></td>
<td></td>
<td>S</td>
<td></td>
<td>1910.109(e)(1)(i), RP67 2.3.2</td>
</tr>
<tr>
<td>1b</td>
<td>No person allowed to handle explosives under the influence of intoxicating liquors, narcotics or other dangerous drugs.</td>
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<td>S</td>
<td></td>
<td>1910.109(e)(1)(i)</td>
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<tr>
<td>3</td>
<td>Electrical grounding of wellhead, service unit and rig made prior to operating tools using explosives</td>
<td></td>
<td></td>
<td>S</td>
<td></td>
<td>RP54 13.8.6, RP67 2.9.1, 3.7</td>
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<tr>
<td>4</td>
<td>Perforating guns, etc assembled in a designated restricted area</td>
<td>S</td>
<td>1910.109(c)(1)(iv) RP54 13.8.7 RP67 2.3.5</td>
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<tr>
<td>5</td>
<td>Unnecessary personnel kept clear of perforating operations</td>
<td>S</td>
<td>RP54 13.8.7 1910.109(c)(1)(iv) RP67 2.4.3, 2.9.2, 2.11.2, 2.14.2.2, 2.17.2, 2.18.4.3, 2.18.6.3</td>
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<tr>
<td>6</td>
<td>Warning signs erected near perforating operations stating that all radios, cell phones, etc must be turned off.</td>
<td>S</td>
<td>RP54 13.8.9 RP67 2.4.2, 2.6.1, 2.12.2, 3.10 1910.109(c)(1)(vii)(b) 1910.145(c)(2)(i) 1910.145(c)(1)(vii)(b)</td>
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<tr>
<td>7</td>
<td>Radio transmitters, cell phones, etc turned off during blasting operations</td>
<td>S</td>
<td>1910.109(c)(1)(vii) 1910.145(c)(1)(vii) RP67 2.6.2.3</td>
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<tr>
<td>8</td>
<td>Warning signal sounded prior to blast</td>
<td>S</td>
<td>1910.109(c)(5)</td>
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<tr>
<td>9</td>
<td>Perforating operations weather policy</td>
<td>S</td>
<td>RP54 13.8.10 1910.109(c)(1)(v) RP67 2.9, 2.11, 2.18.4, 2.18.6</td>
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<tr>
<td>10</td>
<td>Perforating operations conducted during daylight hours</td>
<td>S</td>
<td>1910.109(c)(1)(v)</td>
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<tr>
<td>11</td>
<td>Instruments for testing blasting devices specifically designed for the purpose</td>
<td>S</td>
<td>1910.109(c)(4)(vii) RP54 13.8.11 RP67 2.7.2, 2.9</td>
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<td>12</td>
<td>Conductor wire and armor of perforating gun temporarily shorted prior to use</td>
<td>S</td>
<td>1910.109(c)(4)(viii) RP54 13.8.15</td>
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<td>13</td>
<td>Detonating cord and blasting caps kept apart until assembly on location.</td>
<td>S</td>
<td>RP54 13.8.16</td>
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<td>14</td>
<td>Blasting caps and boosters transported in approved cap boxes</td>
<td>S</td>
<td>RP54 13.8.17 1910.109(d)(1)(iv)</td>
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<td>15</td>
<td>During checking and/or arming, electrical blasting caps, detonators or other initiation devices contained in safety tube</td>
<td>S</td>
<td>RP54 13.8.18 RP67 2.7.3</td>
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<td>16</td>
<td>Deteriorated or damaged explosives and/or blasting equipment not used.</td>
<td>S</td>
<td>1910.109(c)(2)(iii)</td>
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<td>TRANSPORT VEHICLE</td>
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<tr>
<td>17a</td>
<td>Fire extinguishers charged and in working order</td>
<td>S</td>
<td>1910.109(d)(2)(iv)(a)</td>
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<tr>
<td>17b</td>
<td>Electrical wiring completely protected and securely fastened</td>
<td>S</td>
<td>1910.109(d)(2)(iv)(b)</td>
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<tr>
<td>17c</td>
<td>Underside of vehicle free of excess oil &amp; grease</td>
<td>S</td>
<td>1910.109(d)(2)(iv)(c)</td>
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<tr>
<td>17d</td>
<td>Fuel tank and feedline secure and have no leaks</td>
<td>S</td>
<td>1910.109(d)(2)(iv)(d)</td>
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<tr>
<td>17e</td>
<td>Brakes, lights, horn, windshield wipers and steering operate properly</td>
<td>S</td>
<td>1910.109(d)(2)(iv)(e)</td>
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<tr>
<td>17f</td>
<td>Tires checked for inflation and defects</td>
<td>S</td>
<td>1910.109(d)(2)(iv)(f)</td>
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<tr>
<td>17g</td>
<td>Vehicle in proper condition for all other aspects of handling explosives</td>
<td>S</td>
<td>1910.109(d)(2)(iv)(g)</td>
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<tr>
<td>18</td>
<td>Equipped with 2 (min.) 10-BC rated fire extinguisher</td>
<td>S</td>
<td>1910.109(d)(2)(ii)</td>
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</table>

25
20. **SPECIAL SERVICES**

- Special Services encompasses Wireline, Stripping & Snubbing, Drill Stem Testing, Acidizing, Fracturing, Hot Oil, Cementing, Gas Air or Mist Drilling, Coring, Coiled Tubing, Hot Tapping and Freezing and Hotwork Operations. Requirements set forth in Sections 1-19 will also apply to this section.

<table>
<thead>
<tr>
<th>#</th>
<th>Condition</th>
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<th>A</th>
<th>T</th>
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<th>N</th>
<th>S</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>C</th>
<th>D</th>
<th>Standard</th>
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<td><strong>GENERAL REQUIREMENTS</strong></td>
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<tr>
<td>1</td>
<td>Pre-Job safety meeting held</td>
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<td>RP 54 12.1.1</td>
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<td>2</td>
<td>Fire Extinguishers in accessible locations</td>
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<td>RP 54 12.1.3</td>
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<td>3</td>
<td>Service unit located upwind of wellhead</td>
<td>S</td>
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<td>RP 54 12.1.5</td>
</tr>
<tr>
<td>4</td>
<td>Emergency escape air pack available</td>
<td>S</td>
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<td></td>
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<td></td>
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<td>RP 49 6.6.2</td>
</tr>
<tr>
<td>5</td>
<td>Emergency escape air pack charged and ready for use.</td>
<td>S</td>
<td></td>
<td></td>
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<td>RP 49 6.6.2</td>
</tr>
<tr>
<td>6</td>
<td>Personnel not permitted between wireline and wellhead when wireline operating.</td>
<td>S</td>
<td></td>
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<td>RP 54 12.1.7</td>
</tr>
<tr>
<td>7</td>
<td>Open ended flow line secured to the wellhead, at the end of the line and at intermediate locations.</td>
<td>S</td>
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<td>RP 54 12.4.3</td>
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<tr>
<td>8</td>
<td>Lubricators, Swages and Unions inspected for defects prior to use.</td>
<td>S</td>
<td></td>
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<td>RP 54 12.5.1</td>
</tr>
<tr>
<td>9</td>
<td>Lubricator equipment, swages, unions and valves pressure tested to max. anticipated pressure.</td>
<td>S</td>
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<td>RP 54 12.5.2</td>
</tr>
<tr>
<td>10</td>
<td>Lubricator equipped with 1 or more bleed valves.</td>
<td>S</td>
<td></td>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td>RP 54 12.5.3</td>
</tr>
<tr>
<td>11</td>
<td>Valves and gauges checked to determine if pressure is present in lubricator before removal.</td>
<td>S</td>
<td></td>
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<td>RP 54 12.5.4</td>
</tr>
<tr>
<td>12</td>
<td>Essential personnel only allowed near pressurized lubricators, flow lines and well head</td>
<td>S</td>
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<td>RP 54 12.5.7</td>
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<tr>
<td>13</td>
<td>Lubricator bleed valves cycled after pressure removed</td>
<td>S</td>
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<td>RP 54 12.5.11</td>
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<tr>
<td>14</td>
<td>Service unit engines equipped with an emergency shutdown device</td>
<td>S</td>
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<td>RP 54 12.2.1</td>
</tr>
<tr>
<td>15</td>
<td>Welding operations not conducted near wellhead.</td>
<td>S</td>
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<td>RP 54 12.1.4</td>
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<tr>
<td>16</td>
<td>Discharge lines not place under mobile equipment.</td>
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<td>RP 54 12.4.1</td>
</tr>
<tr>
<td>17</td>
<td>Pressure fittings, unions &amp; coupling threads, both internal and external, inspected prior to use and in good condition.</td>
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<tr>
<td>B</td>
<td><strong>WIRELINE SERVICE, SWABBING</strong></td>
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<tr>
<td>1</td>
<td>Wireline unit located as far away as possible from fracturing and/or hot oil units</td>
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<td></td>
<td>RP 54 13.2.1</td>
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<tr>
<td>2</td>
<td>Wireline units, vehicles, portable houses placed outside the guywires of well service units.</td>
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<td>RP 54 13.2.1</td>
</tr>
<tr>
<td>3</td>
<td>Mobile, portable or skid-mounted wireline service units chocked or secured to prevent movement.</td>
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<td>RP 54 13.2.2</td>
</tr>
<tr>
<td>4</td>
<td>Gin pole attached to wellhead or Christmas tree with chain &amp; ratchet load binder or equiv</td>
<td>S</td>
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<td>RP 54 13.3.1</td>
</tr>
<tr>
<td>5</td>
<td>Rope &amp; Blocks of the correct size &amp; strength</td>
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<td>RP 54 13.4.1</td>
</tr>
<tr>
<td>6</td>
<td>Rope inspected at beginning of the job.</td>
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<td>RP 54 13.4.3</td>
</tr>
<tr>
<td>7</td>
<td>Blocks inspected at the beginning of the job</td>
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<td>RP 54 13.4.4</td>
</tr>
<tr>
<td>8</td>
<td>Lower wireline sheave secured</td>
<td>S</td>
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<td>RP 54 13.4.5</td>
</tr>
<tr>
<td>9</td>
<td>Splices not used in the entire length of rope</td>
<td>S</td>
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<td>RP 54 13.4.2</td>
</tr>
<tr>
<td>10</td>
<td>Periodic (NTE 12 mo) drill, visual and pressure test of all sections on the lubricator</td>
<td>S</td>
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<td>RP 54 13.6.2</td>
</tr>
<tr>
<td>11</td>
<td>Wireline BOP tested in open and closed positioned</td>
<td>S</td>
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<td>RP 54 13.6.2</td>
</tr>
<tr>
<td>12</td>
<td>High pressure lubricators have 2 or more bleed valves installed</td>
<td>S</td>
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<td>RP 54 13.6.5a</td>
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<tr>
<td></td>
<td>Minimum equipment available</td>
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<tr>
<td></td>
<td>□ Wireline Valve (BOP) □ Lubricator (riser) Sections □ Pressure Bleed Valve □ Stuffing Box or Control Head</td>
<td>S</td>
<td>RP49 11.3.1&lt;br&gt;RP68 12.3.1</td>
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<tr>
<td>13</td>
<td>High pressure lubricators, stuffing boxes, valves, connections and adapters inspected at intervals NTE 12 mo</td>
<td>S</td>
<td>RP54 13.6.5b</td>
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<tr>
<td>14</td>
<td>Lubricator sections marked with permanent serial number</td>
<td>S</td>
<td>RP54 13.6.5c</td>
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<tr>
<td>15</td>
<td>Non-essential engines, motors, and other sources of ignition are shut down during swabbing operations</td>
<td>S</td>
<td>RP54 13.9.1</td>
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<tr>
<td>16</td>
<td>Swabbing operations conducted during daylight hours</td>
<td>S</td>
<td>RP54 13.9.3</td>
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<tr>
<td>16a</td>
<td>Swabbing unit placed upwind from the wellbore, tanks &amp; pits</td>
<td>S</td>
<td>RP49 11.3.3</td>
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<tr>
<td>17</td>
<td>Hydrostatic bailers secured prior to dumping.</td>
<td>S</td>
<td>RP54 13.10.1</td>
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**C STRIPPING AND SNUBBING**

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<tbody>
<tr>
<td>1</td>
<td>Emergency escape line rigged and available for each person on snubbing unit</td>
<td>S</td>
<td>RP54 14.2.2</td>
</tr>
<tr>
<td>1a</td>
<td>Only the minimum number of employees allowed in basket</td>
<td>S</td>
<td>RP49 11.5</td>
</tr>
<tr>
<td>1b</td>
<td>Employees provided and using proper protective equipment</td>
<td>S</td>
<td>RP49 11.5</td>
</tr>
<tr>
<td>2</td>
<td>Gasoline engines and other sources of ignition kept 100+ ft away</td>
<td>S</td>
<td>RP54 14.2.3</td>
</tr>
<tr>
<td>3</td>
<td>Snubbing work platform guyed, unless otherwise supported</td>
<td>S</td>
<td>RP54 14.2.4</td>
</tr>
<tr>
<td>4</td>
<td>Pumps, power packs, tool boxes, doghouses, etc located away from flow and/or bleed-off lines</td>
<td>S</td>
<td>RP54 14.2.5</td>
</tr>
<tr>
<td>5</td>
<td>Pump units located so snubbing operator can see pump operator</td>
<td>S</td>
<td>RP54 14.2.6</td>
</tr>
<tr>
<td>6</td>
<td>Well pressure monitored at all times</td>
<td>S</td>
<td>RP54 14.2.7</td>
</tr>
<tr>
<td>7</td>
<td>Backpressure valve or blanking plug installed in pipe string (Min 1)</td>
<td>S</td>
<td>RP54 14.2.8</td>
</tr>
<tr>
<td>8</td>
<td>Snubbing operations not conducted at same time as welding operations in the vicinity</td>
<td>S</td>
<td>RP54 14.2.9</td>
</tr>
<tr>
<td>9</td>
<td>Approved packer/drill string design used during snubbing.</td>
<td>S</td>
<td>RP54 14.2.10</td>
</tr>
<tr>
<td>10</td>
<td>Snubbing operations conducted during daylight hours only</td>
<td>S</td>
<td>RP49 11.5</td>
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**D DRILL STEM TESTING**

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<tbody>
<tr>
<td>2</td>
<td>Engines located within 100 ft not operated unless equipped with heat &amp; spark arresting system</td>
<td>S</td>
<td>RP54 15.2.2</td>
</tr>
<tr>
<td>3</td>
<td>Unauthorized personnel kept clear of area</td>
<td>S</td>
<td>RP54 15.2.3</td>
</tr>
<tr>
<td>4</td>
<td>Safety valve and wrench readily available</td>
<td>S</td>
<td>RP54 15.2.10</td>
</tr>
<tr>
<td>5</td>
<td>Casing fluid volume monitored</td>
<td>S</td>
<td>RP54 15.3.1</td>
</tr>
<tr>
<td>6</td>
<td>Rig floor attended at all times</td>
<td>S</td>
<td>RP54 15.3.3</td>
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**E ACIDIZING, FRACTURING & HOT OIL OPS**

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<tbody>
<tr>
<td>1</td>
<td>Trucks &amp; Tanks located 100 ft min from wellhead</td>
<td>S</td>
<td>RP54 16.1.3</td>
</tr>
<tr>
<td>2</td>
<td>Check valve installed on lines from pumping equipment to wellhead</td>
<td>S</td>
<td>RP54 16.1.4</td>
</tr>
<tr>
<td>3</td>
<td>Blending equipment grounded</td>
<td>S</td>
<td>RP54 16.1.6</td>
</tr>
<tr>
<td>4</td>
<td>Sand unloading equipment bonded to blending machine</td>
<td>S</td>
<td>RP54 16.1.6</td>
</tr>
<tr>
<td>5</td>
<td>Unauthorized personnel kept clear of area</td>
<td>S</td>
<td>RP54 16.1.10</td>
</tr>
<tr>
<td>6</td>
<td>Pre-treatment pressure test of pump ad discharge lines conducted.</td>
<td>S</td>
<td>RP54 16.1.9</td>
</tr>
<tr>
<td>7</td>
<td>Pump operators at controls while pumps in operation</td>
<td>S</td>
<td>RP54 16.2.1</td>
</tr>
<tr>
<td>8</td>
<td>Frac Tanks grounded</td>
<td>S</td>
<td>RP54 16.2.3</td>
</tr>
<tr>
<td>9</td>
<td>Frac Tanks equipped with internal anti-static build-up devices</td>
<td>S</td>
<td>RP54 16.2.4</td>
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**F CEMENTING OPERATIONS**

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<tbody>
<tr>
<td>1</td>
<td>Unauthorized personnel kept clear of area</td>
<td>S</td>
<td>RP54 17.1.3</td>
</tr>
<tr>
<td>2</td>
<td>Pump &amp; discharge lines tested prior to starting job</td>
<td>S</td>
<td>RP54 17.1.4</td>
</tr>
<tr>
<td>3</td>
<td>Pump operators at controls while pumps in operation</td>
<td>S</td>
<td>RP54 17.2.1</td>
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**G GAS, AIR, or MIST DRILLING OPERATIONS**

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<tbody>
<tr>
<td>1</td>
<td>Personnel trained in the use of emergency shutoff, blowout preventer and fire fighting equipment</td>
<td>B</td>
<td>RP54 18.2.1</td>
</tr>
<tr>
<td>2</td>
<td>Personnel familiar with air/gas supply</td>
<td>B</td>
<td>RP54 18.2.1</td>
</tr>
<tr>
<td>3</td>
<td>Personnel familiar with circulating system</td>
<td>B</td>
<td>RP54 18.2.1</td>
</tr>
<tr>
<td>4</td>
<td>Compressors located 100 ft away from wellbore</td>
<td>B</td>
<td>RP54 18.3.1</td>
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<tr>
<td>5</td>
<td>Compressors visible from driller’s position</td>
<td>B</td>
<td>RP54 18.3.2</td>
</tr>
<tr>
<td>6a</td>
<td>Compressors equipped with:</td>
<td></td>
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</tr>
<tr>
<td>6b</td>
<td>Pressure relief valves</td>
<td>B</td>
<td>RP54 18.3.3</td>
</tr>
<tr>
<td>6c</td>
<td>Discharge temperature and pressure gauges</td>
<td>B</td>
<td>RP54 18.3.3</td>
</tr>
<tr>
<td>6d</td>
<td>Engine governors</td>
<td>B</td>
<td>RP54 18.3.3</td>
</tr>
<tr>
<td>6e</td>
<td>Engine shut off valves</td>
<td>B</td>
<td>RP54 18.3.3</td>
</tr>
<tr>
<td>7</td>
<td>Drilling engines equipped with kill switches</td>
<td>B</td>
<td>RP54 18.3.4</td>
</tr>
<tr>
<td>8</td>
<td>Kill switches mounted near driller’s console</td>
<td>B</td>
<td>RP54 18.3.4</td>
</tr>
<tr>
<td>9</td>
<td>Compressor discharge lines equipped with check valve and block valve.</td>
<td>B</td>
<td>RP54 18.3.5</td>
</tr>
<tr>
<td>10</td>
<td>Gas, air, mist drilling: Blooey line used</td>
<td>B</td>
<td>RP 54 18.3.9</td>
</tr>
<tr>
<td>11</td>
<td>Blooey and bleed-off lines 150 ft minimum</td>
<td>B</td>
<td>RP54 18.3.9</td>
</tr>
<tr>
<td>12</td>
<td>Blooey and bleed-off lines securely anchored</td>
<td>B</td>
<td>RP54 18.3.11</td>
</tr>
<tr>
<td>13</td>
<td>Gas, air, mist drilling: Pilot light or igniter in place in case it it needed.</td>
<td>B</td>
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<tr>
<td>14</td>
<td>Full-opening, quick closing valve installed on Kelly</td>
<td>B</td>
<td>RP54 18.3.12</td>
</tr>
<tr>
<td>15</td>
<td>Two valves installed on standpipe accessible from rig floor and ground level.</td>
<td>B</td>
<td>RP54 18.3.13</td>
</tr>
<tr>
<td>16</td>
<td>Shutoff valve installed on main feeder, 150 ft from the well head (Gas only)</td>
<td>B</td>
<td>RP54 18.3.14</td>
</tr>
<tr>
<td>17</td>
<td>(GAS Only) Spinning rope used instead of chain</td>
<td>B</td>
<td>RP54 18.3.17</td>
</tr>
<tr>
<td>18</td>
<td>Float valves inspected each time bit pulled out</td>
<td>B</td>
<td>RP54 18.3.19</td>
</tr>
<tr>
<td>19</td>
<td>Fuel and Oil storage tanks 50 ft min from compressor</td>
<td>B</td>
<td>RP54 18.3.20</td>
</tr>
<tr>
<td>20</td>
<td>LPG supply lines equipped with shut off valves at storage tanks and engines</td>
<td>B</td>
<td>RP54 18.3.21</td>
</tr>
<tr>
<td>21</td>
<td>Master safety valve located on main fuel line</td>
<td>B</td>
<td>RP54 18.3.22</td>
</tr>
<tr>
<td>22</td>
<td>One 150# Class BC dry chemical fire extinguisher available on site</td>
<td>B</td>
<td>RP54 18.3.23</td>
</tr>
<tr>
<td>23</td>
<td>Circulating head stripper rubber inspected each tour</td>
<td>B</td>
<td>RP54 18.4.1</td>
</tr>
<tr>
<td>24</td>
<td>Pipe connections from wellbore leak free</td>
<td>B</td>
<td>RP54 18.4.2</td>
</tr>
<tr>
<td>25</td>
<td>Well killing material and equipment on site and operational before drilling commences</td>
<td>B</td>
<td>RP54 18.4.3</td>
</tr>
<tr>
<td>26</td>
<td>Unauthorized personnel kept clear of area</td>
<td>B</td>
<td>RP54 18.5.1</td>
</tr>
<tr>
<td>27</td>
<td>Rig substructure adequately ventilated</td>
<td>B</td>
<td>RP54 18.5.2</td>
</tr>
<tr>
<td>28</td>
<td>Generator houses, bunk houses, and change houses kept 100+ ft from well bore</td>
<td>B</td>
<td>RP54 18.5.3</td>
</tr>
<tr>
<td>29</td>
<td>Automobiles parked GT 100 ft from the wellbore</td>
<td>B</td>
<td>RP54 18.5.4</td>
</tr>
<tr>
<td>30</td>
<td>Rig engines equipped with heat and spark arresting systems</td>
<td>B</td>
<td>RP54 18.5.5</td>
</tr>
<tr>
<td>31</td>
<td>Gas or gasoline fueled engine equipped with low tension ignition system</td>
<td>B</td>
<td>RP54 18.5.6</td>
</tr>
<tr>
<td>32</td>
<td>Other possible ignition sources permitted in designated areas only</td>
<td>B</td>
<td>RP54 18.5.7</td>
</tr>
<tr>
<td>H</td>
<td>HOT TAPPING &amp; FREEZING OPERATIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Performed under the direct supervision of a qualified person</td>
<td>S</td>
<td>RP54 19.2.1</td>
</tr>
<tr>
<td>2</td>
<td>Hot tapping equipment pressure tested after rig-up</td>
<td>S</td>
<td>RP54 19.2.3</td>
</tr>
<tr>
<td>3</td>
<td>Frozen plugs allowed to thaw</td>
<td>S</td>
<td>RP54 19.3.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RP54 19.3.5</td>
</tr>
<tr>
<td>4</td>
<td>Frozen plugs tested by staged reduction in pressure</td>
<td>S</td>
<td>RP54 19.3.3</td>
</tr>
<tr>
<td>5</td>
<td>Equipment suitable for an H2S environment</td>
<td>S</td>
<td>RP49 11.8</td>
</tr>
<tr>
<td>6</td>
<td>Rated working pressure exceeds anticipated pressures</td>
<td>S</td>
<td>RP49 11.8</td>
</tr>
<tr>
<td>I</td>
<td>CORING OPERATIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>H2S precautions implemented prior to pulling cores from known or suspected H2S containing zones.</td>
<td>S</td>
<td>RP49 11.9</td>
</tr>
<tr>
<td>2</td>
<td>Positive pressure/pressure demand breathing apparatus with full face piece used while working in areas where atmospheric concentrations exceed 10 ppm (H2S) or 2 ppm (SO2)</td>
<td>S</td>
<td>RP49 6.6.1</td>
</tr>
<tr>
<td>3</td>
<td>H2S monitoring equipment available to check core barrel</td>
<td>S</td>
<td>RP49 11.9</td>
</tr>
<tr>
<td>4</td>
<td>Proper storage and transportation of H2S containing samples</td>
<td>S</td>
<td>RP49 11.9</td>
</tr>
<tr>
<td>J</td>
<td>CONTINUOUS REELED (COILED) TUBING OPS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Proper material of tubing used in H2S environment</td>
<td>S</td>
<td>RP49 11.6</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td></td>
<td>Standard Code</td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------</td>
<td>---</td>
<td>----------------</td>
</tr>
<tr>
<td>2</td>
<td>Coiled tubing unit placed upwind from the well</td>
<td>S</td>
<td>RP49 11.6.1</td>
</tr>
<tr>
<td>3</td>
<td>Reel unit and its conveyance should be adequately secured from movement</td>
<td>S</td>
<td>RP49 11.6.1</td>
</tr>
<tr>
<td>4</td>
<td>Flanged type connection used on bottom connection of the coiled tubing BOP</td>
<td>S</td>
<td>RP49 11.6.2</td>
</tr>
<tr>
<td>5</td>
<td>Dedicated pump cross and a 2nd set of tubing ram preventers located below the pump cross</td>
<td>S</td>
<td>RP49 11.6.2</td>
</tr>
<tr>
<td><strong>K</strong></td>
<td><strong>WELL EVALUATION AND TESTING OPERATIONS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Performed with the minimum number of employees</td>
<td>S</td>
<td>RP49 11.10.1a</td>
</tr>
<tr>
<td>2</td>
<td>Produced gases vented and/or flared to ensure personal safety</td>
<td>S</td>
<td>RP49 11.10.1c</td>
</tr>
<tr>
<td>3</td>
<td>Gases from stored test fluids safely vented</td>
<td>S</td>
<td>RP49 11.10.1c</td>
</tr>
<tr>
<td>4</td>
<td>Proper storage and transportation of H2S containing samples</td>
<td>S</td>
<td>RP49 11.10.1e</td>
</tr>
<tr>
<td>5</td>
<td>H2S monitoring devices available and in use</td>
<td>S</td>
<td>RP49 11.10.1a</td>
</tr>
<tr>
<td>6</td>
<td>Only H2S qualified personnel permitted</td>
<td></td>
<td>RP49 11.10.1b</td>
</tr>
</tbody>
</table>
To: TOOLPUSHER/SAFETY MANAGER of _______________________

Subject: DOCUMENT REQUEST

Date: _________________

Today, an inspection is being conducted on your rig #____________. In order to complete our files, the following information is required. Please provide the information to the Compliance Officer while on site or forward the information requested (faxed copies are acceptable) to Compliance Officer _______________________________ by the completion of the on-site inspection or within 5 days at the address shown above:

<table>
<thead>
<tr>
<th>Description of Document and/or Information Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Employer Identification Number/Federal Tax ID Number (EIN)</td>
</tr>
<tr>
<td>Copies of your OSHA 300 Logs (Injury and Illness Reporting Log) for the current year and the three (3) previous years. Also include the total manhours worked and the average number of employees for each year or up to the date of the inspection for the current year.</td>
</tr>
<tr>
<td>A copy of your Safety Program or Safety Handbook (CD version is acceptable)</td>
</tr>
<tr>
<td>A copy of your Hazard Communication Program (HAZCOM)</td>
</tr>
<tr>
<td>Training records for:</td>
</tr>
<tr>
<td>For the following employees:</td>
</tr>
<tr>
<td>Copies of rig inspections conducted by rig personnel (recent)</td>
</tr>
<tr>
<td>Copies of pre-tour/daily/weekly safety meetings and trainings (recent random selection while on this location)</td>
</tr>
<tr>
<td>Copies of BOP tests performed</td>
</tr>
<tr>
<td>Copies of JSA’s conducted, if any (recent random selection)</td>
</tr>
<tr>
<td>A copy of the MSDS for:</td>
</tr>
<tr>
<td>Names, addresses and positions of all employees on site at the time of the inspection.</td>
</tr>
<tr>
<td>Site information: Field Name, Well Name and Number, Section, Coordinates, Parish/County, Locality</td>
</tr>
<tr>
<td>A copy of the contract between the operating company and your company describing the work to be conducted.</td>
</tr>
<tr>
<td>Other:</td>
</tr>
</tbody>
</table>