

## SPECIFICATIONS TECHNIQUES DES MATÉRIELS

### : CHOKE MANIFOLD

Description technique	Valeur proposée	Conformité (Réservé à la CTF)
<p><b>Drilling Choke Manifold assembly 3" x 5.000 PSI (H2S Service/Super Trim) as per API 16C last edition and API 53 Last edition</b>  <b>PSL = 3, PR = 1, Material Class: DD or EE,</b>  <b>T class = PU, WP = 5000 PSI</b></p> <p><b>Shall include (as per drawing);</b></p> <ul style="list-style-type: none"> <li>• 3.1/8" x 5000 PSI WP Manual Gate Valve Type "F &amp; FC" with R-35 flanged ends and stainless-steel lined ring grooves: quantity 14 Nos.</li> <li>• Manual choke 3"1/8 5000PSI</li> <li>• Manual gate valve 2"1/16 5000 PSI Type "F &amp; FC"</li> <li>• Pressure gauge 0-6000 PSI model 6 flanged sour gas</li> <li>• 3.1/8" x 5000 PSI WP Remote Choke Assembly with R-35 flanged ends and stainless-steel lined ring grooves and complete with Remote Choke Panel and all necessary hoses (160Ft)</li> <li>• Control panel for 3"1/8 drilling choke as per API 16C last edition</li> <li>• Frame for choke manifold assembly with lifting point and forklift pocket.</li> <li>• All spools, adapters ,4 ways cross ,5 ways cross.</li> <li>• Adapter flange 3" 1/8 5000 PSI x 3" fig 1002 femelle</li> <li>• Adapter flange 3" 1/8 5000 PSI x 3" fig 1502 femelle</li> <li>• All valves shall be in accordance with API 6A last edition and nace MR-0175 (PSL = 3, PR = 1, Material Class: DD or EE, T class = PU, WP = 5000 PSI)</li> </ul> <p>All components shall be marked as per API recommendation  Red paint with a certified anti-corrosion system</p> <p><b>To provide at list</b></p> <ul style="list-style-type: none"> <li>• API monogram 16C</li> <li>• COC of choke manifold assembly as per 16C &amp; Nace MR-0175</li> <li>• COC of gate valves &amp; choke valves: API 6A &amp; 16A</li> <li>• COC of all Components of Choke manifold: cross, Adapters, brides, spools, gauges</li> <li>• COC of control Panel</li> <li>• Drawing of chock manifolds assembly.</li> <li>• Control panel drawing.</li> </ul>		

<ul style="list-style-type: none"> <li>• Material test certificate for valves, spools, adapter, cross, brides</li> <li>• Pressure test records for Assembly.</li> <li>• Pressure test record &amp; certification for all Components: valves, 5ways cross, 4 ways cross, spacer spool</li> <li>• NDT report: MPI for all welds</li> <li>• Wall Thickness reports for all pipe</li> <li>• Hardness test Report</li> <li>• Maintenance manual &amp; spare parts manual: control panel &amp; valves</li> <li>• Operation manual</li> <li>• WPS and PQR</li> <li>• Heat treatment records</li> <li>• Gauges calibration certificate</li> <li>• Inspector certificate</li> <li>• 1-year recommended spare parts list</li> <li>• Warranty certificate: 12 months</li> </ul>		
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**Signature et cachet du soumissionnaire**

Adapter  
flange 3" fig  
1002

Adapter  
flange 3" fig  
1002

Bride  
pleine

Bride  
pleine

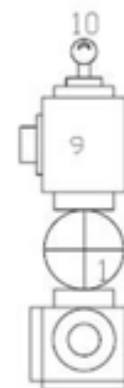
**CTF Proposed Drawing**

Cross 4  
way

Hydraulic  
drilling  
choke

Manual  
choke

Adapter flange 3" fig 1502



View X-X

