



TD-106-1 Rev No. 5  Form No.		<b>PRODUCT STANDARD OIL FIELD EQUIPMENT HYDERABAD</b>		<b>OE 57136</b>																																								
				Rev No. 02																																								
				PAGE 01 of 04																																								
<p style="text-align: center;"><b><u>SPECIFICATION OF MUD GATE VALVES, REPAIR KITS &amp; SPARES</u></b></p> <p><b>1.0 Scope:</b> Supply of Model 72/DM Series Gate valves of OTECO make or DM Series DEMCO Gate Valves and major repair kits as per the part numbers mentioned in the variant table.</p> <p><b>2.0 Application:</b> These valves are commonly used in High Pressure Dual Stand Pipe manifold handling of Mud for oilfield applications.</p> <p><b>3.0 Variant Table</b></p> <table border="1"> <thead> <tr> <th>Var. No</th> <th>Material code</th> <th>Material Description</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>OE9757136018</td> <td>OTECO VALVE 4", FLANGED (GV, 450, 72, 4.06-5K, RJ, 18"EE) PART NO.: 114507 / DM SERIES DEMCO VALVE 4", FLANGED, PART NO.: J017263-2722810</td> </tr> <tr> <td>02</td> <td>OE9757136026</td> <td>OTECO VALVE 2", THREADED (GV, 250, 72,2LP), PART NO.: 112501 / DM SERIES DEMCO VALVE 2", THREADED, PART NO.: J001028-0422810</td> </tr> <tr> <td>03</td> <td>OE9757136034</td> <td>MAJOR REPAIR KIT (OTECO PART NO.: 120167 / DEMCO PART NO.: J025216-14221) FOR OTECO VALVE 4", FLANGED (GV, 450, 72, 4.06-5K, RJ, 18"EE) PART NO.: 114507 / DM SERIES DEMCO VALVE 4", FLANGED, PART NO.: J017263-2722810</td> </tr> <tr> <td>04</td> <td>OE9757136042</td> <td>MAJOR REPAIR KIT (OTECO PART NO.: 120163 / DEMCO PART NO.: J025216-11221) FOR OTECO VALVE 2", THREADED (GV, 250, 72,2LP), PART NO.: 112501 / DM SERIES DEMCO VALVE 2", THREADED, PART NO.: J001028-0422810</td> </tr> <tr> <td>05</td> <td>OE9757136050</td> <td>GATE FOR 4" OTECO MAKE GV (GATE 436; PART NUMBER:120343)</td> </tr> <tr> <td>06</td> <td>OE9757136069</td> <td>GATE FOR 2" OTECO MAKE GV (GATE 236; PART NUMBER:120323)</td> </tr> <tr> <td>07</td> <td>OE9857136079</td> <td>GATE PACKING FOR 4" OTECO MAKE GV (PART NUMBER:121043)</td> </tr> <tr> <td>08</td> <td>OE9857136087</td> <td>GATE PACKING FOR 2" OTECO MAKE GV (PART NUMBER:121023)</td> </tr> <tr> <td>09</td> <td>OE9757136093</td> <td>DEMCO/OTECO VALVE 4", FLANGED, 7500 PSI WP, Standard Service, Temperature class P,U</td> </tr> <tr> <td>10</td> <td>OE9757136107</td> <td>DEMCO/OTECO VALVE 2", FLANGED, 7500 PSI WP, Standard Service, Temperature class P,U</td> </tr> <tr> <td>11</td> <td>OE9757136115</td> <td>MAJOR REPAIR KIT FOR 4" Gate Valve for 7500 PSI WP</td> </tr> <tr> <td>12</td> <td>OE9757136123</td> <td>MAJOR REPAIR KIT FOR 2" Gate Valve for 7500 PSI WP</td> </tr> </tbody> </table>						Var. No	Material code	Material Description	01	OE9757136018	OTECO VALVE 4", FLANGED (GV, 450, 72, 4.06-5K, RJ, 18"EE) PART NO.: 114507 / DM SERIES DEMCO VALVE 4", FLANGED, PART NO.: J017263-2722810	02	OE9757136026	OTECO VALVE 2", THREADED (GV, 250, 72,2LP), PART NO.: 112501 / DM SERIES DEMCO VALVE 2", THREADED, PART NO.: J001028-0422810	03	OE9757136034	MAJOR REPAIR KIT (OTECO PART NO.: 120167 / DEMCO PART NO.: J025216-14221) FOR OTECO VALVE 4", FLANGED (GV, 450, 72, 4.06-5K, RJ, 18"EE) PART NO.: 114507 / DM SERIES DEMCO VALVE 4", FLANGED, PART NO.: J017263-2722810	04	OE9757136042	MAJOR REPAIR KIT (OTECO PART NO.: 120163 / DEMCO PART NO.: J025216-11221) FOR OTECO VALVE 2", THREADED (GV, 250, 72,2LP), PART NO.: 112501 / DM SERIES DEMCO VALVE 2", THREADED, PART NO.: J001028-0422810	05	OE9757136050	GATE FOR 4" OTECO MAKE GV (GATE 436; PART NUMBER:120343)	06	OE9757136069	GATE FOR 2" OTECO MAKE GV (GATE 236; PART NUMBER:120323)	07	OE9857136079	GATE PACKING FOR 4" OTECO MAKE GV (PART NUMBER:121043)	08	OE9857136087	GATE PACKING FOR 2" OTECO MAKE GV (PART NUMBER:121023)	09	OE9757136093	DEMCO/OTECO VALVE 4", FLANGED, 7500 PSI WP, Standard Service, Temperature class P,U	10	OE9757136107	DEMCO/OTECO VALVE 2", FLANGED, 7500 PSI WP, Standard Service, Temperature class P,U	11	OE9757136115	MAJOR REPAIR KIT FOR 4" Gate Valve for 7500 PSI WP	12	OE9757136123	MAJOR REPAIR KIT FOR 2" Gate Valve for 7500 PSI WP
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COPYRIGHT AND CONFIDENTIAL  The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED, It must not be used directly or indirectly in any way detrimental to the interest of the company.	Ref. Doc	<b>Revisions :</b>	<b>Prepared :</b>	<b>Approved :</b>	<b>Date :</b>																																							
		<b>Refer to record of revisions :</b>	Arun Kumar	Rajeev Kumar	04.10.2018																																							


RESTRICTED USE



TD-106-2 Rev No. 5	Form No.		<h1 style="text-align: center;">PRODUCT STANDARD</h1> <h2 style="text-align: center;">OIL FIELD EQUIPMENT</h2> <h3 style="text-align: center;">HYDERABAD</h3>	<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <b>OE 57136</b> </div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">         Rev No. 02       </div> <div style="padding-bottom: 5px;">         PAGE 02 of 04       </div>														
<div style="writing-mode: vertical-rl; transform: rotate(180deg);">           COPYRIGHT AND CONFIDENTIAL            The information on this document is the property of BHARAT HEAVY ELECTRICALS LIMITED .            It must not be used directly or indirectly in any way detrimental to the interest of the company.         </div>		<p><b>4.0 Warranty:</b> Vendor shall provide warranty for 12 months from date of commissioning or 18 months from date of supply.</p> <p><b>5.0 Name plate:</b>          A nameplate bearing following information (engraved / embossed) should be provided on the body of valve.</p> <table border="0"> <tr><td>5.1</td><td>Manufacturer's name.</td></tr> <tr><td>5.2</td><td>SL. number</td></tr> <tr><td>5.3</td><td>Model number</td></tr> <tr><td>5.4</td><td>Year of manufacture</td></tr> <tr><td>5.5</td><td>Working pressure and test pressure</td></tr> <tr><td>5.6</td><td>Size of valve</td></tr> <tr><td>5.7</td><td>Any other information</td></tr> </table> <p><b>6.0 PACKING:</b>          Shipping packaging shall be designed to ensure that the equipment reaches site in a clean and undamaged condition. All packaging shall be designed for and effective life of at least 2 years while stored in and outdoor environment. All parts that are to be sent in boxes shall be packed as per the following requirements:</p> <ul style="list-style-type: none"> <li>(a) Inner surfaces of the sides &amp; bottoms, outer surfaces of top of all closed packing cases shall be covered with hessain bitumen coated polyethylene kraft paper/HDPE Tarpaulin 150 GSM</li> <li>(b) Adequate battens (lined with waterproof bitumenised paper/HDPE Tarpaulin 150 GSM together with rubber sheet) shall be provided at appropriate places to prevent the movement of equipment/component inside the packing cases.</li> <li>(c) The components, sub-assemblies and assemblies are completely covered with 2 layers of polyethylene sheet. All sharp corners and edges are to be protected by rubber mats to prevent the polyethylene sheet from damage. The top surface of the case shall be free from dents to prevent rainwater pockets.</li> <li>(d) Desiccant (silicagel) filled into dust free, air permeable linen bags shall be placed inside the boxes.</li> <li>(e) All packing cases shall contain a packing list inside a waterproof envelope both inside the box and outside the box. The packing list placed outside of the box shall be suitably covered with metallic sheet such that the packing list is not lost during transit.</li> <li>(f) All markings on the case shall be made of waterproof materials to prevent obliteration during transit.</li> <li>(g) The following details shall be marked on the packing case:             <ol style="list-style-type: none"> <li>1. P.O. No.</li> <li>2. Case No.</li> <li>3. Net weight</li> </ol> </li> </ul>			5.1	Manufacturer's name.	5.2	SL. number	5.3	Model number	5.4	Year of manufacture	5.5	Working pressure and test pressure	5.6	Size of valve	5.7	Any other information
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