Report Date : 05.06.2024 Material : 10121719 Description : ASSY,1/2" MECH GATE VALVE, INTERFACE Revision Level : 00;500000052576 Plant. Base Unit of Measure : EA Gross Weight : 31,1 KG Net Weight : 31.1 KG Basic Material : SEE BOM FOR MATERIALS Commodity Code Export Control Code : Manufacturer Manuf Part No. MIR ID : 79001003 MIR Title : VALVE KIT MIR Desc. : Assembly, MRB Criticality : 3 Traceability type Serial No. Profile Batch Management Shelf life: 0 Day QM Control Key Inspection Setup Classification : MACS MCLASS; Subsea MACS 7000000; SUBSEA SUB-ASSEMBLIES 7900000; SHARED 7900100; Valve&Actuator #Kit, SubAss&Component 7900130; ROV Extension Kit Attributes Related Drawings : Type:SWD, No:10001225496, Ver:00, Status: IFC ,Descr:ASSY, 1/2" MECH GATE VALVE, INTERFACE Other Related Docs : Type:PDC,No:10001325337,Ver:06,Status:Re-issued Constr,Descr:INTL TEST PROC, PAB DRILL THRU Type:SWA,No:10001111849,Ver:01,Status:Temp. Release ,Descr:INTERFACE - ST - VALV 1/2" - BENTLEY Basic Data Text : NOTES FOR DRAWING 10001225496: 1 - Identify and mantain traceability using a tag; 2 - Refer to 10001325337 for assembly and test procedures; 3 - To use LOCTITE 242 for assembly of item 110 and 140;

4 - To apply torque of 15 lbf.ft for assembly of item 110;

5 - Product specification level acc. to API SPEC. 17D - PSL: N. A.

MATERIAL REPORT

Characteristics:

Created By : 164216 Division : XMT Lab / Design Office : Curitiba MIR ID : 79001003 Material Group : 7900130 SDRL & QM : QM: YES Traceability Code : SN X Plant Status : LM

BoM :

| Item No. | Material Number | Description | Quantity | UoM | Assembly | Criticality |
|----------|-----------------|------------------------------------------|----------|-----|----------|-------------|
| 0010 | 10080225 | MACH, BODY INTERFACE ROV TO VALVE | 1,000 | EA | ✓ | 2 |
| 0020 | 10121720 | WELD/MACH,1/2 MECH GATE VALVE,INTFC STEM | 1,000 | EA | ✓ | 3 |
| 0030 | BB18-BS0205-45 | MACH, JOINT BLOCK | 2,000 | EA | ✓ | 3 |
| 0040 | BB18-BS0205-37 | MACH, ROD GUIDE | 1,000 | EA | V | 3 |
| 0050 | BB18-BS0205-46 | MACH, FIXING PIN | 4,000 | EA | ✓ | 2 |
| 0060 | BB18-BS0317-05 | MACH, ADAPTADOR 3/4" - INTERFACE ROV | 1,000 | EA | ✓ | 2 |
| 0070 | BBPSC014287 | PF S/CAB SEXT INT 3/8" X 7/16" AISI 316 | 4,000 | EA | | 3 |
| 0080 | BB18-BS0205-10 | MACH, ROV INTERFACE BUSHING | 1,000 | EA | | 3 |
| 0090 | BB18-BS0205-44 | EIXO - INTERFACE ROV | 1,000 | EA | ✓ | 2 |
| 0100 | 10080229 | ROV INTERFACE ADAPTER | 1,000 | EA | ✓ | 3 |
| 0110 | BBPFC029004 | PF CIL SEXT INT 1/2" X 2" AISI 316 | 2,000 | EA | | 3 |
| 0120 | BBPOR091001 | HVY NUT, 1/2-13, AISI316 | 4,000 | EA | | 3 |
| 0130 | BBPFE014006 | CSK HEX SCR, 1/2# x 2.1/2#, AISI 316 | 4,000 | EA | | 3 |
| 0140 | BBPFC029238 | PF CIL SEXT INT 3/8" X 3/4" AISI 316 | 2,000 | EA | | 3 |
| 0150 | 10104196 | POSITION INDICATOR, ROV INTERFACE | 1,000 | EA | ✓ | 3 |