

MATERIAL REPORT

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 : SN  
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:

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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	<input checked="" type="checkbox"/>	2
0020	10121720	WELD/MACH,1/2 MECH GATE VALVE,INTFC STEM	1,000	EA	<input checked="" type="checkbox"/>	3
0030	BB18-BS0205-45	MACH, JOINT BLOCK	2,000	EA	<input checked="" type="checkbox"/>	3
0040	BB18-BS0205-37	MACH, ROD GUIDE	1,000	EA	<input checked="" type="checkbox"/>	3
0050	BB18-BS0205-46	MACH, FIXING PIN	4,000	EA	<input checked="" type="checkbox"/>	2
0060	BB18-BS0317-05	MACH, ADAPTADOR 3/4" - INTERFACE ROV	1,000	EA	<input checked="" type="checkbox"/>	2
0070	BBPSC014287	PF S/CAB SEXT INT 3/8" X 7/16" AISI 316	4,000	EA	<input type="checkbox"/>	3
0080	BB18-BS0205-10	MACH, ROV INTERFACE BUSHING	1,000	EA	<input type="checkbox"/>	3
0090	BB18-BS0205-44	EIXO - INTERFACE ROV	1,000	EA	<input checked="" type="checkbox"/>	2
0100	10080229	ROV INTERFACE ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0110	BBPFC029004	PF CIL SEXT INT 1/2" X 2" AISI 316	2,000	EA	<input type="checkbox"/>	3
0120	BBPOR091001	HVY NUT, 1/2-13, AISI316	4,000	EA	<input type="checkbox"/>	3
0130	BBPFE014006	CSK HEX SCR, 1/2# x 2.1/2#, AISI 316	4,000	EA	<input type="checkbox"/>	3
0140	BBPFC029238	PF CIL SEXT INT 3/8" X 3/4" AISI 316	2,000	EA	<input type="checkbox"/>	3
0150	10104196	POSITION INDICATOR, ROV INTERFACE	1,000	EA	<input checked="" type="checkbox"/>	3

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10121896  
Description : ASSY, ORIENTATION SLEEVE WITH STABS  
Revision Level : 06;500000328543  
Plant :

Base Unit of Measure : EA  
Gross Weight : 291,7 KG  
Net Weight : 291,7 KG  
Basic Material : See BoM for Materials  
Commodity Code :  
Export Control Code :

Manufacturer : -  
Manuf.Part No. :

MIR ID : 70502117  
MIR Title : XT/TH/THS, ASSEMBLY  
MIR Desc. : Dimensional Control, Visual Inspection, Submitted

Criticality : 1  
Traceability type : SN  
Serial No. Profile : —  
Batch Management ☒  
Shelf life : 0 Day

QM Control Key :  
Inspection Setup :

Classification : MACS\_MCLASS;Subsea MACS  
7000000;SUBSEA SUB-ASSEMBLIES  
7050000;SUBSEA TREE SYSTEMS (WP05)  
7050200;XT/TH/THS Assy and Components  
7050205;XT System Sub-Assembly

Attributes :

Related Drawings : Type:SWD,No:10001184340,Ver:04,Status:Re-issued Constr,Descr:ASSY, ORIENTATION SLEEVE  
Other Related Docs : Type:SWA,No:10001131027,Ver:04,Status:Temp. Release ,Descr:ASSY, XMT ORIENTATION SLEEVE

Basic Data Text : Notes for the drawing 10001184340:

1 - Identify and maintain traceability using stamp, where indicated.  
Text height shall be proportional to the component;

2 - Unless otherwise specified, dimensions are for reference only;

3 - Assemble item 0060 with loctite 242;

4 - Deleted;

5 - Product specification level acc. to API spec. 17D = PSL3

MATERIAL REPORT

Characteristics:

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Created By : 164593  
Division : XMT  
Lab / Design Office : Curitiba  
MIR ID : 70502117  
Material Group : 7050205  
SDRL & QM : QM: YES  
Traceability Code : SN  
X Plant Status : Z9

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10123700	MACH, ORIENTATION SLEEVE BODY	1,000	EA	<input checked="" type="checkbox"/>	2
0020	10123657	MACH, STAB PLATE, XMT ORIENTATION SLEEVE	1,000	EA	<input type="checkbox"/>	3
0030	10123664	ASSY, 1/2" STAB BODY, XMT ORIENT SLEEVE	6,000	EA	<input checked="" type="checkbox"/>	2
0040	10123662	ASSY, ANNULUS STAB BODY, XMT SLEEVE	1,000	EA	<input checked="" type="checkbox"/>	2
0050	10121574	HEXSO SCR,3/4-10x1.3/4,A193 B7M	4,000	EA	<input type="checkbox"/>	2
0060	10121615	HEXSO SCR,1/2-13x1.1/2,A193 B7M	6,000	EA	<input type="checkbox"/>	2
0070	10123671	ASSY, 1/2" STEP STAB BODY, XMT SLEEVE	2,000	EA	<input checked="" type="checkbox"/>	2
0080	10123668	ASSY, 5" STAB BODY, XMT ORIENT SLEEVE	1,000	EA	<input checked="" type="checkbox"/>	2
0090	10123666	ASSY, ELECTRICAL STAB, XMT SLEEVE	1,000	EA	<input checked="" type="checkbox"/>	2
0100	BBPFC029241	HEXSO SCR,3/8-16x1.1/4,AISI316	2,000	EA	<input type="checkbox"/>	3
0110	10114133	SPECIAL NUT,1.1/8-8,17-4-PH-100K	1,000	EA	<input checked="" type="checkbox"/>	3
0120	10114465	FLG, ELEC STAB, Mach.	1,000	EA	<input checked="" type="checkbox"/>	3
0140	10114466	SPECIAL CASTLE NUT,1.1/8-8,17-4-PH	1,000	EA	<input checked="" type="checkbox"/>	3
0150	BB18-BS0163-03	PINO DE ORIENTACAO	2,000	EA	<input checked="" type="checkbox"/>	3

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10133996  
Description : ASSY, ROV INTERFACE, AX-2 VALVE  
Revision Level : 00;500000062891  
Plant :

Base Unit of Measure : EA  
Gross Weight : 31,3 KG  
Net Weight : 31,3 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 : BN  
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:10001357320,Ver:01,Status:Re-issued Constr,Descr:ASSY, ROV INTERFACE, AX-2 VALVE  
Other Related Docs : Type:SWA,No:10001160705,Ver:01,Status:Temp. Release ,Descr:IG - Interface ST2 - Iara & Guara

Basic Data Text : Notes for the drawing 10001357320:

1 - Identify and maintain traceability using a tag;

2 - To use LOCTITE 242 for assembly of the item 70 .

3 - Product specification level acc. to API spec. 17D = N.A

MATERIAL REPORT

Characteristics:

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Created By : 164593  
Division : XMT  
Lab / Design Office : Curitiba  
MIR ID : 79001003  
Material Group : 7900130  
SDRL & QM : QM: YES  
Traceability Code : BN  
X Plant Status : LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10104146	INTERFACE VALVE 1/2" 1/4 TURN, SUB-ASSY	1,000	EA	<input checked="" type="checkbox"/>	2
0020	10077571	ROV INTERFACE, 3/4" - ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0030	10133994	MACH, ROV INTERFACE ROD, AX-2 VALVE	1,000	EA	<input checked="" type="checkbox"/>	3
0040	BB18-BS0205-37	MACH, ROD GUIDE	1,000	EA	<input checked="" type="checkbox"/>	3
0050	BB18-BS0205-45	MACH, JOINT BLOCK	2,000	EA	<input checked="" type="checkbox"/>	3
0060	BB18-BS0205-46	MACH, FIXING PIN	4,000	EA	<input checked="" type="checkbox"/>	2
0070	BBPSC014287	PF S/CAB SEXT INT 3/8" X 7/16" AISI 316	4,000	EA	<input type="checkbox"/>	3

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10133998  
Description : ASSY, ROV INTERFACE, AX-5 VALVE  
Revision Level : 03;500000115393  
Plant :

Base Unit of Measure : EA  
Gross Weight : 31,9 KG  
Net Weight : 31,9 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 : BN  
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:10001357203,Ver:03,Status:Re-issued Constr,Descr:ASSY, ROV INTERFACE, AX-5 VALVE  
Other Related Docs : Type:SWA,No:10001160717,Ver:02,Status:Temp. Release ,Descr:IG - Interface ST5 - Iara & Guara

Basic Data Text : Notes for the drawing 10001357203:

1 - Identify and maintain traceability using a tag;

2 - To use LOCTITE 242 for assembly of the item 70 .

3 - Product specification level acc. to API spec. 17D = N.A

MATERIAL REPORT

Characteristics:

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Created By : 164593  
Division : XMT  
Lab / Design Office : Curitiba  
MIR ID : 79001003  
Material Group : 7900130  
SDRL & QM : QM: YES  
Traceability Code : BN  
X Plant Status : LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10186607	ASSY, INTERFACE VALVE 1/2" (1/4 TURN)	1,000	EA	<input checked="" type="checkbox"/>	3
0020	10077571	ROV INTERFACE, 3/4" - ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0030	10133997	MACH, ROV INTERFACE ROD, AX-5 VALVE	1,000	EA	<input checked="" type="checkbox"/>	3
0040	BB18-BS0205-37	MACH, ROD GUIDE	1,000	EA	<input checked="" type="checkbox"/>	3
0050	BB18-BS0205-45	MACH, JOINT BLOCK	2,000	EA	<input checked="" type="checkbox"/>	3
0060	BB18-BS0205-46	MACH, FIXING PIN	4,000	EA	<input checked="" type="checkbox"/>	2
0070	BBPSC014287	PF S/CAB SEXT INT 3/8" X 7/16" AISI 316	4,000	EA	<input type="checkbox"/>	3
0080	10167159	MACH, ROV INTERFACE ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0090	BBPSC014220	PF S/CAB SEXT INT 3/8" X 1" AISI 316	2,000	EA	<input type="checkbox"/>	3
0100	BBPOR091016	HVY NUT, 3/8-16, AISI316	2,000	EA	<input type="checkbox"/>	3



MATERIAL REPORT

Report Date : 05.06.2024

Material : 10134010  
Description : ASSY, ROV INTERFACE, IQ2-M VALVE  
Revision Level : 00;500000062891  
Plant :

Base Unit of Measure : EA  
Gross Weight : 31,3 KG  
Net Weight : 31,3 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 : BN  
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:10001357372,Ver:01,Status:Re-issued Constr,Descr:ASSY, ROV INTERFACE, IQ2-M VALVE  
Other Related Docs : Type:SWA,No:10001160708,Ver:01,Status:Temp. Release ,Descr:IG - Interface IQ2 - Iara & Guara

Basic Data Text : Notes for the drawing 10001357372:

1 - Identify and maintain traceability using a tag;

2 - To use LOCTITE 242 for assembly of the item 70 .

3 - Product specification level acc. to API spec. 17D = N.A

MATERIAL REPORT

Characteristics:

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Created By	:	164593
Division	:	XMT
Lab / Design Office	:	Curitiba
MIR ID	:	79001003
Material Group	:	7900130
SDRL & QM	:	QM: YES
Traceability Code	:	BN
X Plant Status	:	LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10104146	INTERFACE VALVE 1/2" 1/4 TURN, SUB-ASSY	1,000	EA	<input checked="" type="checkbox"/>	2
0020	10077571	ROV INTERFACE, 3/4" - ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0030	10133999	MACH, ROV INTERFACE ROD, IQ2-M VALVE	1,000	EA	<input checked="" type="checkbox"/>	3
0040	BB18-BS0205-37	MACH, ROD GUIDE	1,000	EA	<input checked="" type="checkbox"/>	3
0050	BB18-BS0205-45	MACH, JOINT BLOCK	2,000	EA	<input checked="" type="checkbox"/>	3
0060	BB18-BS0205-46	MACH, FIXING PIN	4,000	EA	<input checked="" type="checkbox"/>	2
0070	BBPSC014287	PF S/CAB SEXT INT 3/8" X 7/16" AISI 316	4,000	EA	<input type="checkbox"/>	3

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10134012  
Description : ASSY, ROV INTERFACE, ST VALVE  
Revision Level : 00;500000062891  
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 : BN  
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:10001357468,Ver:01,Status:Re-issued Constr,Descr:ASSY, ROV INTERFACE, ST VALVE  
Other Related Docs : Type:SWA,No:10001160720,Ver:01,Status:Temp. Release ,Descr:IG - Interface ST - Iara & Guara

Basic Data Text : Notes for the drawing 10001357468:

1 - Identify and maintain traceability using a tag;

2 - To use LOCTITE 242 for assembly of the item 70 .

3 - Product specification level acc. to API spec. 17D = N.A

MATERIAL REPORT

Characteristics:

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Created By	:	164593
Division	:	XMT
Lab / Design Office	:	Curitiba
MIR ID	:	79001003
Material Group	:	7900130
SDRL & QM	:	QM: YES
Traceability Code	:	BN
X Plant Status	:	LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10104146	INTERFACE VALVE 1/2" 1/4 TURN, SUB-ASSY	1,000	EA	<input checked="" type="checkbox"/>	2
0020	10077571	ROV INTERFACE, 3/4" - ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0030	10134011	MACH, ROV INTERFACE ROD, ST VALVE	1,000	EA	<input checked="" type="checkbox"/>	3
0040	BB18-BS0205-37	MACH, ROD GUIDE	1,000	EA	<input checked="" type="checkbox"/>	3
0050	BB18-BS0205-45	MACH, JOINT BLOCK	2,000	EA	<input checked="" type="checkbox"/>	3
0060	BB18-BS0205-46	MACH, FIXING PIN	4,000	EA	<input checked="" type="checkbox"/>	2
0070	BBPSC014287	PF S/CAB SEXT INT 3/8" X 7/16" AISI 316	4,000	EA	<input type="checkbox"/>	3

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10134014  
Description : ASSY, ROV INTERFACE, DS1 VALVE  
Revision Level : 02;500000115393  
Plant :

Base Unit of Measure : EA  
Gross Weight : KG  
Net Weight : 31,9 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 : BN  
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:10001357496,Ver:03,Status:Re-issued Constr,Descr:ASSY, ROV INTERFACE, DS1 VALVE  
Other Related Docs : Type:SWA,No:10001160723,Ver:02,Status:Temp. Release ,Descr:Interface DHSV1 - GLNE

Basic Data Text : Notes for the drawing 10001357496:

1 - Identify and maintain traceability using a tag;

2 - Use LOCTITE 242 to assembly the item 70;

3 - Product specification level acc. to API spec. 17D = N.A

MATERIAL REPORT

Characteristics:

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Created By : 164593  
Division : XMT  
Lab / Design Office : Curitiba  
MIR ID : 79001003  
Material Group : 7900130  
SDRL & QM : QM: YES  
Traceability Code : BN  
X Plant Status : LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10104146	INTERFACE VALVE 1/2" 1/4 TURN, SUB-ASSY	1,000	EA	<input checked="" type="checkbox"/>	2
0020	10077571	ROV INTERFACE, 3/4" - ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0030	10134013	MACH, ROV INTERFACE ROD, DS1 VALVE	1,000	EA	<input checked="" type="checkbox"/>	3
0040	BB18-BS0205-37	MACH, ROD GUIDE	1,000	EA	<input checked="" type="checkbox"/>	3
0050	BB18-BS0205-45	MACH, JOINT BLOCK	2,000	EA	<input checked="" type="checkbox"/>	3
0060	BB18-BS0205-46	MACH, FIXING PIN	4,000	EA	<input checked="" type="checkbox"/>	2
0070	BBPSC014287	PF S/CAB SEXT INT 3/8" X 7/16" AISI 316	4,000	EA	<input type="checkbox"/>	3
0080	10167159	MACH, ROV INTERFACE ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0120	BBPOR091016	HVY NUT, 3/8-16, AISI316	2,000	EA	<input type="checkbox"/>	3
0130	BBPSC014220	PF S/CAB SEXT INT 3/8" X 1" AISI 316	2,000	EA	<input type="checkbox"/>	3

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10134016  
Description : ASSY, ROV INTERFACE, DS2 VALVE  
Revision Level : 03;500000115393  
Plant :

Base Unit of Measure : EA  
Gross Weight : 32,0 KG  
Net Weight : 31,9 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 : BN  
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:10001357484,Ver:03,Status:Re-issued Constr,Descr:ASSY, ROV INTERFACE, DS2 VALVE  
Other Related Docs : Type:SWA,No:10001160711,Ver:02,Status:Temp. Release ,Descr:Interface DHSV2 - GLNE

Basic Data Text : Notes for the drawing 10001357484:

1 - Identify and maintain traceability using a tag;

2 - To use LOCTITE 242 for assembly of the item 70;

3 - Product specification level acc. to API spec. 17D = N.A

MATERIAL REPORT

Characteristics:

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Created By : 164593  
Division : XMT  
Lab / Design Office : Curitiba  
MIR ID : 79001003  
Material Group : 7900130  
SDRL & QM : QM: YES  
Traceability Code : BN  
X Plant Status : LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10104146	INTERFACE VALVE 1/2" 1/4 TURN, SUB-ASSY	1,000	EA	<input checked="" type="checkbox"/>	2
0020	10077571	ROV INTERFACE, 3/4" - ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0030	10134015	MACH, ROV INTERFACE ROD, DS2 VALVE	1,000	EA	<input checked="" type="checkbox"/>	3
0040	BB18-BS0205-37	MACH, ROD GUIDE	1,000	EA	<input checked="" type="checkbox"/>	3
0050	BB18-BS0205-45	MACH, JOINT BLOCK	2,000	EA	<input checked="" type="checkbox"/>	3
0060	BB18-BS0205-46	MACH, FIXING PIN	4,000	EA	<input checked="" type="checkbox"/>	2
0070	BBPSC014287	PF S/CAB SEXT INT 3/8" X 7/16" AISI 316	4,000	EA	<input type="checkbox"/>	3
0080	10167159	MACH, ROV INTERFACE ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0120	BBPOR091016	HVY NUT, 3/8-16, AISI316	2,000	EA	<input type="checkbox"/>	3
0130	BBPSC014220	PF S/CAB SEXT INT 3/8" X 1" AISI 316	2,000	EA	<input type="checkbox"/>	3



MATERIAL REPORT

Report Date : 05.06.2024

Material : 10186607  
Description : ASSY, INTERFACE VALVE 1/2" (1/4 TURN)  
Revision Level : 00;500000080321  
Plant :

Base Unit of Measure : EA  
Gross Weight : 24,8 KG  
Net Weight : 24,8 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 : SN  
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:10001886823,Ver:00,Status:IFC ,Descr:ASSY, VALVE 1/2" INTERFACE (1/4 TURN)  
Other Related Docs : Type:SWA,No:10001886815,Ver:01,Status:Temp. Release ,Descr:VALVE 1/2" INTERFACE (1/4 TURN)

Basic Data Text : NOTES FOR THE DRAWING 10001886823:  
  
1 - IDENTIFY AND MAINTAIN TRACEABILITY USING A TAG;  
  
2 - TO USE LOCTITE 242 FOR ASSEMBLY OF ITEM 50 AND 80;  
  
3 - TO APPLY TORQUE OF 15 lbf.ft FOR ASSEMBLY OF ITEM 50;  
  
4 - PRODUCT SPECIFICATION LEVEL ACC. TO API SPEC. 17D = N.A

MATERIAL REPORT

Characteristics:

=====

Created By : 164566  
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	<input checked="" type="checkbox"/>	2
0020	BB18-BS0205-10	MACH, ROV INTERFACE BUSHING	1,000	EA	<input type="checkbox"/>	3
0030	BB18-BS0205-44	EIXO - INTERFACE ROV	1,000	EA	<input checked="" type="checkbox"/>	2
0040	10080229	ROV INTERFACE ADAPTER	1,000	EA	<input checked="" type="checkbox"/>	3
0050	BBPFC029004	PF CIL SEXT INT 1/2" X 2" AISI 316	2,000	EA	<input type="checkbox"/>	3
0060	BBPOR091001	HVY NUT, 1/2-13, AISI316	4,000	EA	<input type="checkbox"/>	3
0070	BBPFE014006	CSK HEX SCR, 1/2# x 2.1/2#, AISI 316	4,000	EA	<input type="checkbox"/>	3
0080	BBPFC029238	PF CIL SEXT INT 3/8" X 3/4" AISI 316	2,000	EA	<input type="checkbox"/>	3
0090	10186603	WLDMT, POSITION INDICATOR, 1/4 TURN	1,000	EA	<input type="checkbox"/>	4

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10197528  
Description : ACTUATOR, 2"-10K, 3000M, 718, SE/TP,ASSY  
Revision Level : 13;500000324132  
Plant :

Base Unit of Measure : EA  
Gross Weight : KG  
Net Weight : 243,8 KG  
Basic Material : See BoM for Materials  
Commodity Code :  
Export Control Code :

Manufacturer : -  
Manuf.Part No. :

MIR ID : 79001001  
MIR Title : ACTUATOR ASSEMBLY, HYDRAULIC  
MIR Desc. : Assembly, Test, MRB, ITP

Criticality : 1  
Traceability type : SN  
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  
7900115;Actuator

Attributes :

Related Drawings : Type:SWD,No:10002071807,Ver:03,Status:Re-issued Constr,Descr:ACTUATOR  
Type:SWD,No:10002152317,Ver:02,Status:Re-issued Constr,Descr:TOP ASSY , ACTUATOR W/ EXT STEM  
Type:SWD,No:10004335000,Ver:00,Status:IFC ,Descr:ACTUATOR , HYDRAULIC

Other Related Docs : Type:PDC,No:10000854229,Ver:00,Status:IFC ,Descr:CALCULATION REPORT  
Type:PDC,No:10004342944,Ver:02,Status:Re-issued Constr,Descr:ASSEMBLY PROCEDURE  
Type:SWA,No:10002028436,Ver:03,Status:Temp. Release ,Descr:ASSY, ACTUATOR W/ EXT STEM  
Type:PDC,No:10002615521,Ver:11,Status:Re-issued Constr,Descr:FAT PROCEDURE  
Type:SWA,No:10004334990,Ver:00,Status:Temp. Release ,Descr:ACTUATOR , GENERIC, ASSY STEPS  
Type:PDC,No:10001366134,Ver:01,Status:Re-issued Constr,Descr:SDRL (STANDARD)  
Type:SWA,No:10004336572,Ver:00,Status:Temp. Release ,Descr:ACTUATOR , GENERIC, ASSY STEPS  
Type:PDC,No:10004342945,Ver:01,Status:Re-issued Constr,Descr:DISASSEMBLY PROCEDURE  
Type:PDC,No:10002802371,Ver:09,Status:Re-issued Constr,Descr:FLUSHING PROCEDURE  
Type:SWA,No:10004337381,Ver:00,Status:Temp. Release ,Descr:ACTUATOR , GENERIC, ASSY STEPS

Basic Data Text : 1) PRIOR TO ASSEMBLY ALL PARTS SHALL BE THOROUGHLY  
CLEANED AND INSPECTED TO RULE OUT DAMAGE AND  
DEFECTS.

MATERIAL REPORT

2) ASSEMBLY SHALL BE PERFORMED IN A CLEAN ROOM OR CLEAN ENVIRONMENT SEPARATED FROM OTHER MANUFACTURING.

STAMP/ETCH THE FOLLOWING INFORMATION ON THE NAMEPLATE (ITEM 310):

NOM.SIZE: 2-1/16"  
M/N: 10197528  
S/N: \_\_\_\_\_  
RATED WP: 690 BAR  
RATED CP: 207/345 BAR  
RATED WATER DEPTH: 3000 M  
PSL: 3G  
TEMP RATING: -18°C TO 150°C  
MATR CLASS: 718 HH  
MANUFACTURER: \_\_\_\_\_\*  
DATE: \_\_\_\_\_

\* Assembly facility

Characteristics:  
=====

Actuation Spring Type	:	Coil
Actuation Type	:	Hydraulic
Additional Features	:	Bonnet Test Port
Additional Features	:	Stem Extension
Application	:	XMT
Created By	:	184789
Division	:	XMT
Hydraulic Operating Pressure	:	207 (3 000)
Hydraulic Operating Pressure	:	345 (5 000)
Lab / Design Office	:	Curitiba
MIR ID	:	79001001
Material Group	:	7900115
Material Trim	:	Inconel 718
Max. Rated Temperature (°C)	:	150 °C
Min. Rated Temperature (°C)	:	-18 °C
Nominal Bore (inch)	:	2 1/16
Rated Water Depth (m)	:	3.000 m
Rated Work Pressure (bar/psi)	:	690 (10 000)
SDRL & QM	:	QM: YES
Standard Material	:	Standard (Green)
Traceability Code	:	SN
X Plant Status	:	PM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10197527	BONNET, 2-1/16"-10K, 718, SE/TP, ASSY	1,000	EA	<input checked="" type="checkbox"/>	1
0020	10080173	SPRING CANISTER ASSEMBLY, 2-1/16"	1,000	EA	<input checked="" type="checkbox"/>	2
0030	10080181	CYLINDER 2 1/16", F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0040	10080180	PISTON, 2-1/16",F/M,OD=259MM, L=302MM	1,000	EA	<input checked="" type="checkbox"/>	2
0050	10080179	PISTON RETAINER RING,2-1/16",OD=263,L=45	1,000	EA	<input checked="" type="checkbox"/>	2

## MATERIAL REPORT

0060	10080177	OVERRIDE STEM RETAINER, 31,75MM, F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0070	10080176	ROV OVERRIDE INTERFACE, 2-1/16" ,F/M,L254	1,000	EA	<input checked="" type="checkbox"/>	2
0080	10080175	OVERRIDE STEM, 2 1/16", F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0090	10080174	OVERRIDE STEM GUIDE, 31,75MM, F/M	1,000	EA	<input checked="" type="checkbox"/>	3
0100	10291393	SPRING CHAMBER SEAL, CYL BORE, Ø120MM	1,000	EA	<input type="checkbox"/>	2
0110	10091809	SUPPORT RING, OR STEM 31,75MM, 718, F/M	3,000	EA	<input checked="" type="checkbox"/>	2
0120	10299012	ENVIRONMENTAL SEAL, CYL ROD, 31.75MM	1,000	EA	<input type="checkbox"/>	2
0130	10083706	INDICATOR RETAINER RING,OR STEM31,75, FM	1,000	EA	<input checked="" type="checkbox"/>	3
0140	10276504	INDICATOR, ACTUATOR, F/M	1,000	EA	<input checked="" type="checkbox"/>	3
0150	10133031	SHCS HEX, M10X35, A4-80	4,000	EA	<input type="checkbox"/>	2
0160	10091872	WEARBAND, 31,75x36,75x9,5, RTS	1,000	EA	<input type="checkbox"/>	2
0170	10082039	WEARBAND, 120x125x14,8, RTS	2,000	EA	<input type="checkbox"/>	2
0180	10082637	PLUG, 1/4", 56KPSI, PLAA2528020A	2,000	EA	<input type="checkbox"/>	3
0190	10094478	WIPER-I, 32,75X40,45X6,49, PEEK	1,000	EA	<input type="checkbox"/>	2
0200	10291395	HYDRAULIC SEAL, CYLINDER BORE, Ø120MM	2,000	EA	<input type="checkbox"/>	2
0210	10299014	HYDRAULIC SEAL, CYL ROD, 31,75MM	2,000	EA	<input type="checkbox"/>	2
0220	10091544	CIRCLIP, 1.625", CIRTEQ NJ-162	3,000	EA	<input type="checkbox"/>	3
0230	BS0000894	PLUG 3/8" MP(M) CPX60	6,000	EA	<input type="checkbox"/>	2
0240	BS0000821	GLAND 3/8 MP(M) CGLX60	6,000	EA	<input type="checkbox"/>	2
0250	10277497	SCREW HEX, M12 x 45, L7, ELZN	28,000	EA	<input type="checkbox"/>	1
0260	10093540	SCREW SET, CUP, M8 x 20, A4-80	2,000	EA	<input type="checkbox"/>	2
0270	10093557	O-RING, 221,62x5,33, HNBR85A	1,000	EA	<input type="checkbox"/>	1
0280	10093558	O-RING, 240,67x5,33, HNBR85A	1,000	EA	<input type="checkbox"/>	1
0290	10276008	BU-RING, 242,01x251,31x1,93, NBR90A	1,000	EA	<input type="checkbox"/>	2
0300	BB15-HS0005-63	VALVE,RELIEF,1/4 CIRCLE SEAL 532T1-2M-50	1,000	EA	<input type="checkbox"/>	2
0310	10269234	NAMEPLATE, SMALL, ACTUATOR	1,000	EA	<input type="checkbox"/>	4
0320	BB7178042	NAIL, EASY-DRIVE, .116 DIA X 1/4 LG, #4,	2,000	EA	<input type="checkbox"/>	4

MATERIAL REPORT

Report Date

: 05.06.2024

Material

: 10202735

Description

: VALVE KIT, MS200, 5"-10K, 3000M, 718, TP

Revision Level

: 03;500000168309

Plant

:

Base Unit of Measure

: EA

Gross Weight

: 1.086,0 KG

Net Weight

: 1.086,0 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

: 1

Traceability type

: SN

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  
7900110;Valve Kit

Attributes

:

Related Drawings

: Type:SWD,No:10002117404,Ver:02,Status:Re-issued Constr,Descr:VALVE KIT, MS200  
Type:SWD,No:10003709938,Ver:01,Status:Re-issued Constr,Descr:ACTUATOR & VLV COMP KIT, GENERIC  
Type:SWD,No:10003489108,Ver:01,Status:Re-issued Constr,Descr:ACTUATOR AND VALVE COMP KIT

Other Related Docs

: Type:PDC,No:10002913734,Ver:02,Status:Re-issued Constr,Descr:DISASSEMBLY PROCEDURE  
Type:PDC,No:10003708261,Ver:01,Status:Re-issued Constr,Descr:ASSY PROC, KIT DE VÁLVULA NO BLOCO  
Type:PDC,No:10003661027,Ver:05,Status:Re-issued Constr,Descr:ASSEMBLY PROCEDURE  
Type:SWA,No:10003489110,Ver:01,Status:Temp. Release ,Descr:ACTUATOR & VLV COMP KIT, GENERIC  
Type:PDC,No:10001435302,Ver:00,Status:IFC ,Descr:FMECA  
Type:PDC,No:10002165243,Ver:00,Status:IFC ,Descr:DISASSY PROC, ACTUATOR N/ VALVE KIT  
Type:PDC,No:10002691433,Ver:02,Status:Re-issued Constr,Descr:OPERATION AND MAINTENANCE MANUAL  
Type:SWA,No:10002114382,Ver:02,Status:Temp. Release ,Descr:ASSY, VALVE N/ ACT KIT,5.1/8 FSC,SLNE II

Basic Data Text

: 1) PRIOR TO ASSEMBLY ALL PARTS SHALL BE THOROUGHLY CLEANED AND INSPECTED  
TO RULE OUT DAMAGE AND DEFECTS.  
  
2) ASSEMBLY SHALL BE PERFORMED IN A CLEAN ROOM OR CLEAN ENVIRONMENT  
SEPARATE FROM OTHER MANUFACTURING

MATERIAL REPORT

Characteristics:

=====

Actuation Type : Hydraulic  
Additional Features : Bonnet Test Port  
Additional Features : Gate PEEK Pads  
Application : XMT  
Created By : 184789  
Division : XMT  
Gate Position : Normally Closed  
Lab / Design Office : Curitiba  
MIR ID : 79001003  
Material Group : 7900110  
Material Trim : Inconel 718  
Max. Rated Temperature (°C) : 150 °C  
Min. Rated Temperature (°C) : -18 °C  
Model Type : MS200  
Nominal Bore (inch) : 5 1/8  
Rated Water Depth (m) : 3.000 m  
Rated Work Pressure (bar/psi) : 690 (10 000)  
SDRL & QM : QM: YES  
Standard Material : Non-Standard (Yellow)  
Traceability Code : SN  
X Plant Status : Z9

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10079735	ACTUATOR, 5"-10K, 3000M, 718, TP, ASSY	1,000	EA	<input checked="" type="checkbox"/>	1
0020	10298533	VALVE COMP KIT, MS200, 5"-10K, 718, PP	1,000	EA	<input checked="" type="checkbox"/>	1
0030	10097416	O-RING, 253,59x3,53, HNBR85A	1,000	EA	<input type="checkbox"/>	2

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10203628  
Description : VALVE KIT,MS200, 2"-10K,3000M,718, SE,TP  
Revision Level : 04;500000168309  
Plant :

Base Unit of Measure : EA  
Gross Weight : 249,9 KG  
Net Weight : 249,9 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 : 1  
Traceability type : SN  
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  
7900110;Valve Kit

Attributes :

Related Drawings : Type:SWD,No:10003709938,Ver:01,Status:Re-issued Constr,Descr:ACTUATOR & VLV COMP KIT, GENERIC  
Type:SWD,No:10002117474,Ver:02,Status:Re-issued Constr,Descr:VALVE KIT, MS200  
Type:SWD,No:10003489108,Ver:01,Status:Re-issued Constr,Descr:ACTUATOR AND VALVE COMP KIT

Other Related Docs : Type:PDC,No:10001010431,Ver:04,Status:Re-issued Constr,Descr:CALCULATION REPORT, FASTENER  
Type:PDC,No:10002913734,Ver:02,Status:Re-issued Constr,Descr:DISASSEMBLY PROCEDURE  
Type:PDC,No:10003708261,Ver:01,Status:Re-issued Constr,Descr:ASSY PROC, KIT DE VÁLVULA NO BLOCO  
Type:PDC,No:10003661027,Ver:05,Status:Re-issued Constr,Descr:ASSEMBLY PROCEDURE  
Type:SWA,No:10002115565,Ver:02,Status:Temp. Release ,Descr:ASSY, ACTUATOR & GATE KIT, 2.1/16 FSC GV  
Type:SWA,No:10003489110,Ver:01,Status:Temp. Release ,Descr:ACTUATOR & VLV COMP KIT, GENERIC  
Type:PDC,No:10001435302,Ver:00,Status:IFC ,Descr:FMECA  
Type:PDC,No:10002691433,Ver:02,Status:Re-issued Constr,Descr:OPERATION AND MAINTENANCE MANUAL  
Type:PDC,No:10003323430,Ver:06,Status:Re-issued Constr,Descr:FAT  
Type:PDC,No:10002184355,Ver:00,Status:IFC ,Descr:DISASSY PROC, ACTUATOR N/ VALVE KIT

Basic Data Text : 1 - Prior to assembly, all parts shall be thoroughly cleaned and inspected to rule out damage and defects.



MATERIAL REPORT

2 - Assembly shall be performed in a clean room or clean environment  
separate from other manufacturing

Characteristics:

=====

Actuation Type	:	Hydraulic
Additional Features	:	Gate PEEK Pads
Additional Features	:	Bonnet Test Port
Additional Features	:	Stem Extension
Application	:	XMT
Created By	:	184789
Division	:	XMT
Gate Position	:	Normally Closed
Lab / Design Office	:	Curitiba
MIR ID	:	79001003
Material Group	:	7900110
Material Trim	:	Inconel 718
Max. Rated Temperature (°C)	:	150 °C
Min. Rated Temperature (°C)	:	-18 °C
Model Type	:	MS200
Nominal Bore (inch)	:	2 1/16
Rated Water Depth (m)	:	3.000 m
Rated Work Pressure (bar/psi)	:	690 (10 000)
SDRL & QM	:	QM: YES
Standard Material	:	Standard (Green)
Traceability Code	:	SN
X Plant Status	:	PM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10197528	ACTUATOR, 2"-10K, 3000M, 718, SE/TP,ASSY	1,000	EA	<input checked="" type="checkbox"/>	1
0020	10294588	VALVE COMP KIT, MS200, 2"-10K, 718, PP	1,000	EA	<input checked="" type="checkbox"/>	1
0030	10097415	O-RING, 136,12x3,53, HNBR85A	1,000	EA	<input type="checkbox"/>	1

MATERIAL REPORT

Report Date

: 05.06.2024

Material

: 10203779

Description

: ASSY, ACTUATOR/VALVE, 5-1/8", KIT

Revision Level

: 01;500000332222

Plant

:

Base Unit of Measure

: EA

Gross Weight

: 1.137,6 KG

Net Weight

: 1.137,6 KG

Basic Material

: See BoM for Materials

Commodity Code

:

Export Control Code

:

Manufacturer

: -

Manuf.Part No.

:

MIR ID

: 79001084

MIR Title

: VALVES AND ACTUATORS, ASSEMBLY

MIR Desc.

: Dimensional Control, ITP, Submitted

Criticality

: 2

Traceability type

: SN

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  
7900110;Valve Kit

Attributes

:

Related Drawings

: Type:SWD,No:10002118045,Ver:00,Status:IFC,Descr:ASSY, ACTUATOR VALVE KIT 5-1/8"-10K

Other Related Docs

: Type:SWA,No:10002117843,Ver:00,Status:Temp. Release,Descr:ASSY, ACTUADOR/VALVE, 5-1/8", KIT  
Type:PDC,No:10002244734,Ver:01,Status:IFC,Descr:ASSEMBLY PROCEDURE

Basic Data Text

: ACTUATOR/VALVE, 254MM EXTENSION, 5-1/8"-10K, 2600M, ASSEMBLY  
  
# ACCORDING TO ASSEMBLY DRAWING 10002118045:  
  
1) PRIOR TO ASSEMBLY ALL PARTS SHALL BE THOROUGHLY CLEANED AND INSPECTED TO RULE OUT DAMAGE AND DEFECTS.  
2) ASSEMBLY SHALL BE PERFORMED IN A CLEAN ROOM OR CLEAN ENVIRONMENT SEPARATE FROM OTHER MANUFACTURING ACC TO ASSEMBLY PROCEDURE 10002244734  
3) PRODUCT SPECIFICATION LEVEL PER ISO 13628-4 = PSL 3G  
4)STAMP/ETCH THE FOLLOWING INFORMATION ON THE NAMEPLATE (ITEM 70):  
  
NOM.SIZE: 5-1/8"  
M/N: 10203779

MATERIAL REPORT

S/N: \_\_\_\_\_  
RATED WP: 689 BAR  
RATED CP: 207/345 BAR  
RATED WATER DEPTH: 2600 M  
PSL: 3G PR2  
TEMP RATING: -18 TO 135°C  
MATR CLASS: HH  
MANUFACTURER: \_\_\_\_\_  
DATE: \_\_\_\_\_

Characteristics:

=====

Created By	:	164216
Division	:	XMT
Lab / Design Office	:	Curitiba
MIR ID	:	79001084
Material Group	:	7900110
SDRL & QM	:	QM: YES
Traceability Code	:	SN
X Plant Status	:	LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10202735	VALVE KIT, MS200, 5"-10K, 3000M, 718, TP	1,000	EA	<input checked="" type="checkbox"/>	1
0020	10098403	OVERRIDE EXT ADAPTER,5 -1/8", 254MM, F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0030	10098404	OVERRIDE STEM EXTENSION	1,000	EA	<input checked="" type="checkbox"/>	2
0040	10085331	SCREW SET, CONE, M8 x 8, A4-80	4,000	EA	<input type="checkbox"/>	2
0050	10097795	BOLT, HEX HEAD, M20X70, GR L7, XYLAN	12,000	EA	<input type="checkbox"/>	2
0060	BB7178042	NAIL, EASY-DRIVE, .116 DIA X 1/4 LG, #4,	2,000	EA	<input type="checkbox"/>	4
0070	10104971	NAMEPLATE, ACTUATOR	1,000	EA	<input type="checkbox"/>	4

MATERIAL REPORT

Report Date

: 05.06.2024

Material

: 10203954

Description

: ASSY, ACTUATOR VALVE KIT 2-1/16" - 10K

Revision Level

: 02;500000332222

Plant

:

Base Unit of Measure

: EA

Gross Weight

: KG

Net Weight

: 267,6 KG

Basic Material

: See BoM for Materials

Commodity Code

:

Export Control Code

:

Manufacturer

: -

Manuf.Part No.

:

MIR ID

: 79001084

MIR Title

: VALVES AND ACTUATORS, ASSEMBLY

MIR Desc.

: Dimensional Control, ITP, Submitted

Criticality

: 2

Traceability type

: SN

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  
7900110;Valve Kit

Attributes

:

Related Drawings

: Type:SWD,No:10002181325,Ver:00,Status:IFC,Descr:ASSY, ACTUATOR VALVE KIT 2-1/16" - 10K

Other Related Docs

: Type:SWA,No:10002119775,Ver:00,Status:Temp. Release,Descr:ACTUATOR VALVE WITH 412,5mm EXT  
Type:PDC,No:10002300255,Ver:02,Status:Re-issued Constr,Descr:ASSY PROC, ACTUATOR/VLV W/ 412,5MM EXT

Basic Data Text

: Notes for the drawing 10002181325:

1) Identify and maintain traceability using vibrating electric engraver or low stress stamp, where indicated. Text height shall be proportional to the component;

1.1) Stamp/Etch the following information on the nameplate (item 80):

NOM.SIZE: 2-1/16"

M/N: 10203954

S/N: \_\_\_\_\_

RATED WP: 10000 PSI

RATED CP: 3000/5000 PSI

RATED WATER DEPTH: 2500 M

PSL: 3G PR2

MATERIAL REPORT

TEMP RATING: -18 TO 135°C  
MATR CLASS: HH  
MANUFACTURER: \_\_\_\_\_  
DATE:\_\_\_\_\_

2) Prior to assembly all parts shall be thoroughly cleaned and inspected to rule out damage and defects.

3) Assembly shall be performed in a clean room or clean enviroment separate from other manufacturing acc. to assembly procedure 10002300255;

4) Product specification level acc. to API spec. 17D = PSL3G

Characteristics:  
=====

Created By : 183013  
Division : XMT  
Lab / Design Office : Curitiba  
MIR ID : 79001084  
Material Group : 7900110  
SDRL & QM : QM: YES  
Traceability Code : SN  
X Plant Status : LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10203628	VALVE KIT,MS200, 2"-10K,3000M,718, SE,TP	1,000	EA	<input checked="" type="checkbox"/>	1
0020	10085319	OVERRIDE EXT ADAPTER,2-1/16",412.5MM,F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0030	10239652	HEX SCR,M12x45,A320 L7	8,000	EA	<input type="checkbox"/>	2
0040	10085330	OVERRIDE STEM EXT. , 2-1/16" ACTUATOR	1,000	EA	<input checked="" type="checkbox"/>	2
0050	10085331	SCREW SET, CONE, M8 x 8, A4-80	4,000	EA	<input type="checkbox"/>	2
0060	10080174	OVERRIDE STEM GUIDE, 31,75MM, F/M	1,000	EA	<input checked="" type="checkbox"/>	3
0070	10094478	WIPER-I, 32,75X40,45X6,49, PEEK	1,000	EA	<input type="checkbox"/>	2
0080	10104971	NAMEPLATE, ACTUATOR	1,000	EA	<input type="checkbox"/>	4
0090	BB7178042	NAIL, EASY-DRIVE, .116 DIA X 1/4 LG, #4,	2,000	EA	<input type="checkbox"/>	4

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10235747  
Description : ASSY, STAB 2", TREE CAP  
Revision Level : 02;500000330031  
Plant :

Base Unit of Measure : EA  
Gross Weight : 5,8 KG  
Net Weight : 5,8 KG  
Basic Material : See BoM for Materials  
Commodity Code :  
Export Control Code :

Manufacturer : -  
Manuf.Part No. :

MIR ID : 70502117  
MIR Title : XT/TH/THS, ASSEMBLY  
MIR Desc. : Dimensional Control, Visual Inspection, Submitted

Criticality : 1  
Traceability type : SN  
Serial No. Profile : —  
Batch Management ☒  
Shelf life : 0 Day

QM Control Key :  
Inspection Setup :

Classification : MACS\_MCLASS;Subsea MACS  
7000000;SUBSEA SUB-ASSEMBLIES  
7050000;SUBSEA TREE SYSTEMS (WP05)  
7050200;XT/TH/THS Assy and Components  
7050205;XT System Sub-Assembly

Attributes :

Related Drawings : Type:SWD,No:10002540110,Ver:01,Status:Re-issued Constr,Descr:ASSY, STAB 2"  
Other Related Docs : Type:SWA,No:10002531529,Ver:01,Status:Accessible ,Descr:ASSY, STAB BORE 2, SLNE II

Basic Data Text : Notes for the drawing 10002540110:

1 - Identify and maintain traceability using stamp. Text height shall be proportional to the component;

2 - Forced assembling between itens 050 and 070;

3 - Product specification level acc. to API spec. 17D = PSL3;

4 - Apply chemistry lock (loctite or similar) in threads;

5 - Tap until the screw stop. Don't apply torque;

6 - After assembling, protect the indicated region at colision or dirt.

MATERIAL REPORT

Characteristics:

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Created By : 183013  
Division : XMT  
Lab / Design Office : Curitiba  
MIR ID : 70502117  
Material Group : 7050205  
SDRL & QM : QM: YES  
Traceability Code : SN  
X Plant Status : LM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10108532	MACH, UPPER BODY, STAB 2"	1,000	EA	<input checked="" type="checkbox"/>	2
0020	10235746	MACH, LOCKING STEM, STAB 2", SLNE II	1,000	EA	<input checked="" type="checkbox"/>	3
0030	10117543	MACH, LOWER BODY, STAB BORE 2"	1,000	EA	<input checked="" type="checkbox"/>	2
0040	10098007	METAL x METAL SEAL, 2", UNS N07718, MACH	1,000	EA	<input checked="" type="checkbox"/>	1
0050	10075673	DOG PIN, 17-4 PH, MACH	4,000	EA	<input checked="" type="checkbox"/>	2
0060	10075782	UPPER CAP PISTON, Ø80,0 X 52,0, MACH	1,000	EA	<input checked="" type="checkbox"/>	2
0070	10057189	MACH, DOG	1,000	EA	<input checked="" type="checkbox"/>	1
0080	10126443	MACH, SPECIAL NUT, STAB - BORE 2"	1,000	EA	<input checked="" type="checkbox"/>	3
0090	10057154	STAB GUIDE, BORE 2", ACETAL, MACH	1,000	EA	<input checked="" type="checkbox"/>	3
0100	10065198	HEX SET FC,1/4-28x3/8,AISI316	2,000	EA	<input type="checkbox"/>	3
0110	BBPSC014257	PF S/CAB SEXT INT 1/4" X 3/4" AISI 316	1,000	EA	<input type="checkbox"/>	3
0120	BBPFS070238	HEX SCR, 3/8-16x3/4-FT, AISI316	4,000	EA	<input type="checkbox"/>	3
0130	10108733	O-RING REF PARKER 2-210 90 SH	2,000	EA	<input type="checkbox"/>	2
0140	10063637	O-RING, 47,29x2,62, FKM90A	1,000	EA	<input type="checkbox"/>	2
0150	10104827	O-RING REF PARKER 2-214 90 SH A	2,000	EA	<input type="checkbox"/>	2
0160	10104825	O-RING REF PARKER 2-222 90 SH A	3,000	EA	<input type="checkbox"/>	2
0170	10104823	O-RING, PARKER 2-326 90 SH A	1,000	EA	<input type="checkbox"/>	2
0180	10145984	HEX SET FL,1/4-20x5/8,AISI316	3,000	EA	<input type="checkbox"/>	3

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10240750  
Description : SEAL PLATE 12"-2x5"+ 2HC28 ASSY  
Revision Level : 05;500000152678  
Plant :

Base Unit of Measure : EA  
Gross Weight : 31,8 KG  
Net Weight : 36,4 KG  
Basic Material : See BoM for Materials  
Commodity Code :  
Export Control Code :

Manufacturer : -  
Manuf.Part No. :

MIR ID : 71003003  
MIR Title : SEAL PLATE/MAGAZINE  
MIR Desc. : Assembly, MRB, ITP

Criticality : 1  
Traceability type : SN  
Serial No. Profile : —  
Batch Management ☒  
Shelf life : 0 Day

QM Control Key :  
Inspection Setup :

Classification : MACS\_MCLASS;Subsea MACS  
7000000;SUBSEA SUB-ASSEMBLIES  
7100000;CONN SYSTEMS & PIPELINE PRODUCTS (WP10)  
7100300;Clamp Connectors  
7100320;Seal Cassette/Plate/Magazine

Attributes :

Related Drawings : Type:SWD,No:10002610469,Ver:05,Status:Re-issued Constr,Descr:SEAL MAGAZINE FCM 12"-2x5"+2HC28  
Type:SWD,No:10002514005,Ver:02,Status:Re-issued Constr,Descr:SEAL MAGAZINE FCM 12"-5"+2HC28  
Other Related Docs : Type:PDC,No:10000244886,Ver:07,Status:Re-issued Constr,Descr:SDRL Tie-in Component - Non Welded  
Type:PDC,No:10003013798,Ver:00,Status:IFC ,Descr:FEA SEAL-PLATE 12"-2x5"  
Type:SWA,No:10002610125,Ver:00,Status:Temp. Release ,Descr:SEAL MAGAZINE FCM 12#-2x5#+ 2HC28

Basic Data Text :

Characteristics:  
=====

Created By	:	234718
Division	:	Tie In & ROV Tool
Lab / Design Office	:	Fornebu
MIR ID	:	71003003
Material Group	:	7100320
Matl - Basic	:	SEE BOM FOR MATERIALS
SDRL & QM	:	QM: YES



MATERIAL REPORT

Traceability Code : SN  
X Plant Status : Z9

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10240671	SEAL MAGAZINE FCM 12"-5"+2HC28 MACH	1,000	EA	<input checked="" type="checkbox"/>	2
0020	10208584	GUIDE PIN Ø24.4 SEAL PLATE	2,000	EA	<input type="checkbox"/>	2
0030	10208585	CIRCLIP S024M	2,000	EA	<input type="checkbox"/>	4
0040	BB17-MX0008-00	SHCS HEX, M6X16, A4-80	6,000	EA	<input type="checkbox"/>	2
0050	BB18-NT0100-01	LOCKING WASHER, TX SEAL AISI316	6,000	EA	<input type="checkbox"/>	3
0060	BB17-MX0188-04	SHCS HEX, M12X60, A4-80	2,000	EA	<input type="checkbox"/>	2
0070	10008554	SHCS HEX, M16X120, A4-80	4,000	EA	<input type="checkbox"/>	2
0080	10268349	BST GASKET FOR 12" FCM SEAL PLATE	2,000	EA	<input type="checkbox"/>	4

MATERIAL REPORT

Report Date

: 05.06.2024

Material

: 10292410

Description

: CLAMP CONNECTOR, MKII SI 12"

Revision Level

: 04;500000169231

Plant

:

Base Unit of Measure

: EA

Gross Weight

: 630,5 KG

Net Weight

: 630,2 KG

Basic Material

: -

Commodity Code

:

Export Control Code

:

Manufacturer

: -

Manuf.Part No.

:

MIR ID

: 71003001

MIR Title

: CLAMP CONNECTOR, BASIS ASSEMBLY

MIR Desc.

: Assembly, ITP, MRB

Criticality

: 1

Traceability type

: SN

Serial No. Profile

: —

Batch Management

☒

Shelf life

: 0 Day

QM Control Key

:

Inspection Setup

:

Classification

: MACS\_MCLASS;Subsea MACS  
7000000;SUBSEA SUB-ASSEMBLIES  
7100000;CONN SYSTEMS & PIPELINE PRODUCTS (WP10)  
7100300;Clamp Connectors  
7100305;Clamp Connector

Attributes

:

Related Drawings

: Type:SWD,No:10003513571,Ver:00,Status:IFC,Descr:CLAMP CONNECTOR, MKII SI 12", BASIS ASSY  
Type:SWD,No:10003523344,Ver:01,Status:Re-issued Constr,Descr:CLAMP CONNECTOR, MKII SI 12"

Other Related Docs

: Type:PDC,No:10003755215,Ver:05,Status:Re-issued Constr,Descr:QUALIFICATION REPORT  
Type:PDC,No:10003674493,Ver:04,Status:Re-issued Constr,Descr:OPERATIONS MANUAL  
Type:PDC,No:10003736109,Ver:00,Status:In Work,Descr:12 inch MKII clamp connector  
Type:SWA,No:10003520996,Ver:01,Status:Temp. Release,Descr:ASSEMBLY STEP  
Type:PDC,No:10003674505,Ver:04,Status:Re-issued Constr,Descr:PHMS-MANUAL, CLAMP CONNECTOR - MKII  
Type:PDC,No:10003767188,Ver:03,Status:Re-issued Constr,Descr:Analysis Report WP10  
Type:PDC,No:10008407039,Ver:01,Status:IFC,Descr:Leak Tightness Analysis  
Type:PDC,No:10003674576,Ver:03,Status:Re-issued Constr,Descr:MKII IMPLEMENTATION MANUAL  
Type:PDC,No:10003706829,Ver:01,Status:IFC,Descr:Lubrication and Corrosion  
Type:PDC,No:10003388341,Ver:01,Status:IFC,Descr:Analysis Report 12CC MKII WP10  
Type:PDC,No:10003656028,Ver:02,Status:Re-issued Constr,Descr:ASSEMBLY PROCEDURE, CLAMP CONNECTOR  
Type:PDC,No:10003685852,Ver:00,Status:IFC,Descr:PRESERVATION AND STORORAGE SUBCOMPONENTS  
Type:PDC,No:10000226520,Ver:04,Status:Re-issued Constr,Descr:SDRL FOR CLAMP CONNECTORS  
Type:SWA,No:10003513565,Ver:00,Status:Approval,Descr:CLAMP CONNECTOR, MKII SI 12"  
Type:PDC,No:10003663381,Ver:05,Status:Re-issued Constr,Descr:WORK INSTRUCTION - INSP / PRESERV

MATERIAL REPORT

Basic Data Text : 1. All subcomponents in the connector shall be preserved and stored in accordance with 10003685852 prior to assembly  
2. The clamp connector shall preserved, handled, maintained, and stored in accordance with the in the PHMS-Manual [10003674505].

Characteristics:

=====

Created By : 315795  
Division : Tie In & ROV Tool  
Lab / Design Office : Fornebu  
MIR ID : 71003001  
Material Group : 7100305  
Max. Rated Temperature (°C) : 121 °C  
SDRL & QM : QM: YES  
Seal Plate : No Seal Plate  
Standard Material : Standard (Green)  
System Nominal Size (inch) : 12  
System Type : Basis for Clamp Connector  
Traceability Code : SN  
X Plant Status : PM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	BB18-NT0145-03	RING ELEMENT RIGHT, MACHINING	2,000	EA	<input checked="" type="checkbox"/>	2
0020	10295161	TRAVERSE LEFT THR 12"CC MKII, F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0030	10295160	TRAVERSE RIGHT THR 12" CC MKII, F/M	1,000	EA	<input checked="" type="checkbox"/>	2
0040	BB18-NT0145-01	TOP RING ELEMENT, MACHINING	2,000	EA	<input checked="" type="checkbox"/>	2
0050	BB18-NT0145-02	RING ELEMENT LEFT, MACHINING	2,000	EA	<input checked="" type="checkbox"/>	2
0060	10292121	JACK SCREW 12" CC MKII SI, MACHINING	1,000	EA	<input checked="" type="checkbox"/>	1
0070	10293988	HINGE BOLT 12" CC MKII	2,000	EA	<input checked="" type="checkbox"/>	2
0080	10058689	SHCS HEX, M12X70, L7, EL-ZN	12,000	EA	<input type="checkbox"/>	2
0090	BB18-NT0145-10	CLAMP SEGMENTS, MACHINING	1,000	EA	<input checked="" type="checkbox"/>	2
0100	BB18-NT0145-08	SEGMENT RETAINING BOLT	12,000	EA	<input checked="" type="checkbox"/>	3
0110	BB20-MX0001-22	O-RING, 28x8,5, NBR90A	12,000	EA	<input type="checkbox"/>	2
0120	10149396	SHCS HEX, M24X110, L7, EL-ZN	12,000	EA	<input type="checkbox"/>	2
0130	BB18-NT0145-07	DISTANCE SLEEVE, MACHINING	6,000	EA	<input checked="" type="checkbox"/>	3

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10294588  
Description : VALVE COMP KIT, MS200, 2"-10K, 718, PP  
Revision Level : 01;500000320848  
Plant :

Base Unit of Measure : EA  
Gross Weight : 6,0 KG  
Net Weight : 6,0 KG  
Basic Material : See BoM for Materials  
Commodity Code :  
Export Control Code :

Manufacturer : -  
Manuf.Part No. :

MIR ID : 79001005  
MIR Title : VALVE COMPONENT KIT  
MIR Desc. : Assembly, MRB

Criticality : 1  
Traceability type : SN  
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  
7900120;Valve Component Kit

Attributes :

Related Drawings : Type:SWD,No:10003469435,Ver:01,Status:Re-issued Constr,Descr:VALVE COMPONENT KIT WITH PEEK PADS  
Other Related Docs : Type:PDC,No:10000929864,Ver:00,Status:IFC ,Descr:SDRL (STANDARD)  
Type:SWA,No:10003627192,Ver:00,Status:Temp. Release ,Descr:VALVE COMP KIT, 2"-10K, MS200, 718, PP

Basic Data Text :

Characteristics:  
=====

Additional Features	:	Gate PEEK Pads
Created By	:	124461
Division	:	XMT
Gate Position	:	Normally Closed
Lab / Design Office	:	Tranby
MIR ID	:	79001005
Material Group	:	7900120
Material Trim	:	Inconel 718
Model Type	:	MS200

MATERIAL REPORT

Nominal Bore (inch) : 2 1/16  
Rated Work Pressure (bar/psi) : 690 (10 000)  
SDRL & QM : QM: YES / MIR ID  
Standard Material : Standard (Green)  
Traceability Code : SN  
X Plant Status : PM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10014964	SEAL, BXTYPE, 108,59x122,40x9,40, NI825	1,000	EA	<input type="checkbox"/>	2
0020	10172627	GATE, MS200, 2-1/16", 10K, 718, ASSY	1,000	EA	<input checked="" type="checkbox"/>	2
0030	10117209	SEAT, MS200, 2-1/16",10K, 718, ASSY	2,000	EA	<input checked="" type="checkbox"/>	1
0040	10319801	RADIAL SEAL, SEAT, 2-1/16"-10K	2,000	EA	<input type="checkbox"/>	3
0050	10110798	SPRING, SPIRAWAVE, F/ 2", ELGILOY	2,000	EA	<input type="checkbox"/>	1

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10298533  
Description : VALVE COMP KIT, MS200, 5"-10K, 718, PP  
Revision Level : 01;500000320848  
Plant :

Base Unit of Measure : EA  
Gross Weight : 50,4 KG  
Net Weight : 50,7 KG  
Basic Material : See BoM for Materials  
Commodity Code :  
Export Control Code :

Manufacturer : -  
Manuf.Part No. :

MIR ID : 79001005  
MIR Title : VALVE COMPONENT KIT  
MIR Desc. : Assembly, MRB

Criticality : 1  
Traceability type : SN  
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  
7900120;Valve Component Kit

Attributes :

Related Drawings : Type:SWD,No:10003469435,Ver:01,Status:Re-issued Constr,Descr:VALVE COMPONENT KIT WITH PEEK PADS  
Other Related Docs : Type:SWA,No:10003691426,Ver:00,Status:Temp. Release ,Descr:VALVE COMP KIT  
Type:PDC,No:10000929864,Ver:00,Status:IFC ,Descr:SDRL (STANDARD)

Basic Data Text :

Characteristics:  
=====

Additional Features : Gate PEEK Pads  
Created By : 124461  
Division : XMT  
Gate Position : Normally Closed  
Lab / Design Office : Tranby  
MIR ID : 79001005  
Material Group : 7900120  
Material Trim : Inconel 718  
Model Type : MS200

MATERIAL REPORT

Nominal Bore (inch) : 5 1/8  
Rated Work Pressure (bar/psi) : 690 (10 000)  
SDRL & QM : QM: YES / MIR ID  
Standard Material : Standard (Green)  
Traceability Code : SN  
X Plant Status : PM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10078918	SEAL, BXTYPE, 205,13x228,09x11,48, NI825	1,000	EA	<input type="checkbox"/>	2
0020	10172625	GATE, MS200, 5-1/8", 10K, 718, ASSY	1,000	EA	<input checked="" type="checkbox"/>	2
0030	10116539	SEAT,MS200, 5-1/8", 10K, 718, ASSY & F/M	2,000	EA	<input checked="" type="checkbox"/>	2
0040	10355841	RADIAL SEAL, SEAT, 5-1/8"-10K	2,000	EA	<input type="checkbox"/>	3
0050	10110797	SPRING, SPIRAWAVE, F/ 5", ELGILOY	2,000	EA	<input type="checkbox"/>	1

MATERIAL REPORT

Report Date : 05.06.2024

Material : 10299405  
Description : INSULATION CAP, FCM  
Revision Level : 01;500000167974  
Plant :

Base Unit of Measure : EA  
Gross Weight : 25,2 KG  
Net Weight : 25,2 KG  
Basic Material : See BoM for Materials  
Commodity Code :  
Export Control Code :

Manufacturer : -  
Manuf.Part No. :

MIR ID : 71030002  
MIR Title : ASSEMBLY  
MIR Desc. : Dimensional Control, ITP, Submitted

Criticality : 4  
Traceability type : SN  
Serial No. Profile : —  
Batch Management ☒  
Shelf life : 0 Day

QM Control Key :  
Inspection Setup :

Classification : MACS\_MCLASS;Subsea MACS  
7000000;SUBSEA SUB-ASSEMBLIES  
7100000;CONN SYSTEMS & PIPELINE PRODUCTS (WP10)  
7103000;Tie-in Parts & Sub-assemblies  
7103030;Sub-assembly Tie-in Caps

Attributes :

Related Drawings : Type:SWD,No:10003726063,Ver:02,Status:Re-issued Constr,Descr:ASSEMBLY DRAWING  
Other Related Docs : Type:SWA,No:10003652260,Ver:01,Status:Temp. Release ,Descr:INSULATION CAP ASSEMBLY  
Type:PDC,No:10001099739,Ver:01,Status:Re-issued Constr,Descr:STORING AND SHIPPING SPECIFICATION  
Type:PDC,No:10000107114,Ver:08,Status:Re-issued Constr,Descr:MAKE-UP OF THREADED CONNECTIONS

Basic Data Text : INSULATION CAP, FLOW CONTROL MODULE

1. Documentation shall be delivered in accordance with MIR.  
- Inspection -and test documentation shall fulfil the requirements of Type 3.1 in EN 10204.

2. Shipping and Transportation specifications apply (10001099739).  
- To be packaged so protected from dust/environment during shipping

Assembly Instructions

3. Assemble according to assembly drawing 10003726063

4. Torque bolts according to the Make-up procedure(10000107114)



MATERIAL REPORT

5. To ensure water tightness og cap:
- Heavily grease in between item 10 and 20, as well as 10 and 30 with ALCO-EP-73 PLUS or similar grease.
  - Grease threads of item 60 as well as the conical side of the head of the conical screw. ALCO-EP-73 PLUS or similar grease.
6. Remove any excess grease after torque up.

Characteristics:

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Created By : 230514

Division : XMT

Lab / Design Office : Tranby

MIR ID : 71030002

Material Group : 7103030

SDRL & QM : QM: YES

Standard Material : Standard (Green)

System Nominal Size (inch) : 12"

System Type : FCM

Traceability Code : SN

X Plant Status : PM

BoM :

Item No.	Material Number	Description	Quantity	UoM	Assembly	Criticality
0010	10301587	BODY, INSULATION CAP, MACHINING	1,000	EA	<input type="checkbox"/>	3
0020	10301588	PLATE, MACHINING, INSULATION CAP	1,000	EA	<input type="checkbox"/>	3
0030	10301589	INSULATION CAP HANDLE, WELDMENT	1,000	EA	<input type="checkbox"/>	3
0040	10301620	ANODE,0.65kg,TECNOSEAL 00269E/AL	2,000	EA	<input type="checkbox"/>	4
0050	BBH79260204603	O-RING, 393,07x6,99, NBR70A	1,000	EA	<input type="checkbox"/>	2
0060	BB17-MX0100-07	SCREW SKT, CSK, M10 x 60, A4-80	8,000	EA	<input type="checkbox"/>	2
0070	10261408	NUT HEX, M10, A4-80	8,000	EA	<input type="checkbox"/>	3
0080	BB17-MX0105-20	SCREW HEX, M10 x 20, A4-80	4,000	EA	<input type="checkbox"/>	2
0090	BB17-MX0086-26	WASHER FLAT, M10, ISO 7089, A4	4,000	EA	<input type="checkbox"/>	4