



Item	Tag	Description	Material	Qty
1		ELBOW DN25 BW 90° EN 10253-2 TYPE 3D 2,77mm WALL THICKNESS	ST. STEEL EN 10253-4 1,4404	8
2		ELBOW DN50 BW 90° EN 10253-2 TYPE 3D 2,77mm WALL THICKNESS	ST. STEEL EN 10253-4 1,4404	1
3		FLANGE DN15 FORM B PN16 WN (TYPE 11)	ST. STEEL EN 10222-5 1,4401/1,4404	1
4		FLANGE DN25 FORM B PN16 WN (TYPE 11)	ST. STEEL EN 10222-5 1,4401/1,4404	22
5		FLANGE DN50 FORM B PN16 WN (TYPE 11)	ST. STEEL EN 10222-5 1,4401/1,4404	2
6	FIT77	FLOW INDICATOR DN 25 FORM B PN16 FLANGES	KROHNE H250/M9	1
7		GASKET FLAT SPIRAL WOUND 3,2mm THICK TO SUIT DN15 FORM B PN16 FLANGE	ST. STEEL EN 1514-2 1,4401 METAL OUTER/INNER RINGS	2
8		GASKET FLAT SPIRAL WOUND 3,2mm THICK TO SUIT DN25 FORM B PN16 FLANGE	ST. STEEL EN 1514-2 1,4401 METAL OUTER/INNER RINGS	22
9	P2A	NOx WATER PUMP - VERTICAL DN 25 FORM B PN16 FLANGES	GRUNDFOS	1
10	P2B	NOx WATER PUMP - VERTICAL DN 25 FORM B PN16 FLANGES	GRUNDFOS	1
11		PIPE DN20 x 2,87mm WALL THICKNESS x 0,2 METRES LONG	ST. STEEL EN 10216-5 1,4401/1,4404	1
12		PIPE DN25 x 2,77mm WALL THICKNESS x 5,5 METRES LONG	ST. STEEL EN 10216-5 1,4401/1,4404	1
13		PIPE DN50 x 3,91mm WALL THICKNESS x 1 METRE LONG	ST. STEEL EN 10216-5 1,4401/1,4404	1
14		PLUG HEX. 1/2" NPT	ST. STEEL EN 10088-3 1,4401/1,4404	1
15		STUD BOLT M12 x 125 LG. C/W HEX HEAVY NUTS	ST. STEEL EN 58H	8
16		STUD BOLT M12 x 75 LG. C/W HEX HEAVY NUTS	ST. STEEL EN 58H	8
17		STUD BOLT M12 x 80 LG. C/W HEX HEAVY NUTS	ST. STEEL EN 58H	72
18		TEE STRAIGHT DN25 BW EN 10253-2 2,6mm WALL THICKNESS WELDED	ST. STEEL EN 10253-4 1,4404	4
19		HALF COUPLING - 1/2" NPT THREAD (DN15)	ST. STEEL EN 10088-3 1,4401/1,4404	1
20	HV511059	VALVE BALL MANUAL DN20 CONNECTIONS:- 1 END BW - 1 END 3/4" NPT THREAD (DN20)	VINCO SF SERIES	1
21	PCV103	VALVE CONTROL DN 25 FORM B PN16 FLANGES		1
22	FV65	VALVE FLOW CONTROL DN25 FORM B PN16 FLANGES	BAC	1
23	HV511056	VALVE BALL MANUAL DN15 FORM B PN16 FLANGES	BAC/FB	1
24	HV511055	VALVE BALL MANUAL DN25 FORM B PN16 FLANGES	BAC/FB	1
25	HV511054	VALVE BALL MANUAL DN25 FORM B PN16 FLANGES	BAC/FB	1
26	HV511053	VALVE BALL MANUAL DN25 FORM B PN16 FLANGES	BAC/FB	1
27	HV511052	VALVE BALL MANUAL DN25 FORM B PN16 FLANGES	BAC/FB	1
28	HV511057	VALVE BALL MANUAL DN25 FORM B PN16 FLANGES	BAC/FB	1
29	HV511058	VALVE BALL MANUAL DN50 FORM B PN16 FLANGES	BAC/FB	1
30	FCV511007	VALVE NON-RETURN (WAFER TYPE) TO SUIT DN25 FORM B PN16 FLANGES	ST. STEEL 1,4571 - GESTRA FLOWSERVE	1
31	FCV511006	VALVE NON-RETURN (WAFER TYPE) TO SUIT DN25 FORM B PN16 FLANGES	ST. STEEL 1,4571 - GESTRA FLOWSERVE	1
32		WASHER PLAIN FORM 'C' Ø12	ST. STEEL EN 14399 1,4307	176
33				0
34		REDUCER CONCENTRICBW DN25 TO DN 16 2,77mm/2,2mm WALL THICKNESS	ST. STEEL EN 10222-3 1,4401/1,4404	1
35		GASKET FLAT SPIRAL WOUND 3,2mm THICK TO SUIT DN50 FORM B PN16 FLANGE	ST. STEEL EN 1514-2 1,4401 METAL OUTER/INNER RINGS	1
36		STUD BOLT M16 x 90 LG. C/W HEX HEAVY NUTS	ST. STEEL EN 58H	4
37		WASHER PLAIN FORM 'C' Ø16	ST. STEEL EN 14399 1,4307	8
38		FLANGE BLIND DN15 FORM B PN16 (TYPE 05)	ST. STEEL EN 10222-5 1,4401/1,4404	1

IMPORTANT NOTE.

DO NOT FINALLY WELD & PAINT THE PIPING SPOOLS UNTIL THEY HAVE BEEN 'BLACK BUILT' AND ASSEMBLED ON THE WATER SKID, TO ENSURE CORRECT FITTING AT FINAL ASSEMBLY.

IMPORTANT NOTE.

UTILISE THIS WATER FILL/NOx WATER ISOMETRIC DRAWING IN CONJUNCTION WITH THE WATER CIRCULATION LINE ISOMETRIC, AND THE WATER FILL & COOLING PIPEWORK SKID G.A. DRAWINGS (P5184-0060/3), WHEN BUILDING UP THIS WATER SKID.

S01-51-PC-D-97356 S01-51-PC-D-97359

SL-No: 711 18006

☒ A - review for SL basic documents conformity only

☒ B - no comments / work may proceed

☐ C - comments to be considered: revise and resubmit / work may proceed subject to incorporation of comments indicated

☐ D - comments to be considered: revise and resubmit / work may not proceed

☐ E - noted: not subject to review

Permission to proceed does not represent or constitute acceptance or approval of design details, calculations, analysis, test methods or materials developed or selected by the supplier and does not release supplier from full compliance with all specifications and contractual obligations.

Selas-Linde GmbH, Munich

Date: 24. Feb 2021

Sign.: Carlos Moura

Dept.: ENM

- NOTES
- TEST PROCEDURE :-
SEE LEAK & HYDROSTATIC TEST DOCUMENT No. &AD T-PE 9430
 - WELD TEST PROCEDURE :-
ALL BUTT WELDS TO BE GIVEN 10% RADIOGRAPHY.
ALL FILLET WELDS TO BE 10% DYE PENETRANT TESTED.
ALL PIPEWORK TO BE 10% PMI.
IN ACCORDANCE WITH INSPECTION AND TEST PLAN.
SEE SELAS DOCUMENT No:- &AD T-PE 9401
 - WATER SKID ASSEMBLY
DRAWING NUMBER :- &AD R-ZE 2060
 - VALVE / INSTRUMENT SCHEDULE
DOCUMENT NUMBER :- &AD J-LF 7250
 - FINISH:- SEE SELAS-LINDE DOCUMENT No. / &AD W-PE 9440

SEE DRAWING No. P5184-0556 FOR WELD PLAN S01-51-PA-E-97285

1-P5184-0062 (2)

04					
03					
02	23/02/21	Client Numbers Update	AH	KC	KC
01	29/11/19	First Issue	AH	DLS	KC
REV	DATE	PURPOSE OF ISSUE	PREPARED	CHECKED	APPROVED

The Świnoujście LNG Terminal Expansion Project

Contract No / Numer Umowy:

U122/2019

Selas-Linde GmbH

Contractor Job. no./Nr Projektu Wykonawcy

711 18006 - Swinoujscie_01

Contractor doc. No/ Numer dok. Wykonawcy

&AD R-ZE 2062

Buyer Ref. doc. No / Nr ref. Zamawiającego

S01-51-PC-D-97358

Rev. / Rev.

02

Rev. / Rev.

02

For Buyer use / Wypełnia Zamawiający

Buyer review status

Signature / Podpis

Status przeglądu przez Zamawiającego

Date / data

AP

Buyer review status

Status przeglądu przez Zamawiającego

AC

Reviewed with comments

Sprawdzono z uwagami

RC

Reviewed and rejected

Sprawdzono i odrzucono

FI

Received for information

Otrzymano do informacji

DOC. TITLE

NAZWA DOK.

DOCUMENT TITLE

WATER FILL NOx WATER LINE ISOMETRIC

SCALE

SKALA

1:1

SHEET

ARKUSZ

1

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TOLERANCES UNLESS OTHERWISE STATED
ANGULAR
± 1,0 DEG.
SQUARENESS
± 0,5 DEG.

0 TO 1000mm
OVER 1000mm
± 1,5mm
± 3,0mm

UNLESS OTHERWISE STATED FLANGE BOLT HOLES TO BE EQUI-SPACED ABOUT MAIN CENTRE LINES.

IF IN DOUBT ASK DO NOT SCALE

NOTE:-REMOVE ALL SHARP EDGES
THIS DRAWING PRODUCED ON A CAD SYSTEM DO NOT ALTER MANUALLY