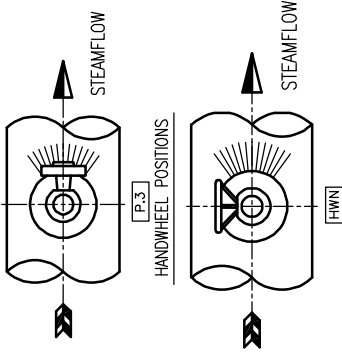


WATERFLANGE POSITION (A-A)



±0,00m отгваря на +106,50m номинално морско равние
±0,00m CORR. TO +106,50m NOMINAL SEA LEVEL

F	21.05.2008	R. v. O.	K. Grobmann	K. Grobmann	Details actuator, Updated several fields in titleblock	RHC
E	10.03.2008	R. v. O.	K. Grobmann	K. Grobmann	Updated according to comments	RHC
D	22.06.2007	R. v. O.	K. Grobmann	K. Grobmann	Updated according to comments	RHC
C	16.05.2007	R. v. O.	K. Grobmann	K. Grobmann	Recommended Tightening Torque for Flanges	RHC
B	21.03.2007	R. v. O.	K. Grobmann	K. Grobmann	Updated according to comments	RHC
A	28.02.2007	R. v. O.	K. Grobmann	K. Grobmann	First Issue	RHC

Maritza East I Power Station

ТЕЦ Маруца Изток 1

Company (Възложител):



Space for further stamps
Место за допълнителни печати

Area for Stamp of EGE Control Code (ICS)
Место за печат на лицензиран български проектант

ALSTOM
Power Generation AG

Main Contractor / Глинен изпълнител
Partner of Main Contractor / Партньор на главния изпълнител

Reg. dept. / Отделение отън	Created by / Създаден от	Checked by / Проверен от	Approved by / Одобрен	Format / Формат
GK-KR	R. van Oosterhout	K. Grobmann	K. Grobmann	A2
Scale / Масштаб	Derived from / Произведена от	Regulation / Регулация	Doc. Type / Тип на документа	Doc. Status / Статус на документа
NONE	Приматна от	Застава	LAF	RFC
Sub Contractors Doc Number / Не на адекватна на разпоредбата	Title, Subtitle / Заглавие, подзаглавие	Project Doc. Number / № на проектния документ	Project Doc. Number / № на проектния документ	Project Doc. Number / № на проектния документ

Rev. / Версия	Date / Дата	Rev. / Версия	Date / Дата
1	21-05-2008	2	21-05-2008
1	21-05-2008	1	21-05-2008

33	COUNTERFLANGE	10Cm09.10
32	STUD	1.7709
31	NUT	1.7258
30	GASKET	ST. STEEL/ GRAPHITE
29	GASKET	ST. STEEL/ GRAPHITE
28	NUT	1.7258
27	STUD	1.7709
26	COUNTERFLANGE	10Cm09.10
25	ACTUATOR	"ALMA" SAR10.1+AC01.1+LE50.1 POWER: 0.75 KW TIME MAX: 30 SEC.
24	---	---
23	SECURING WASHER	STEEL
22	YOKE	C-STEEL
21	COUPLING	C-STEEL
20	NUT (FAG)	C-STEEL
19	NAMEPLATE	1.4401
18	PLATE	1.4301
17	GLAND	1.4057/NITRATED
16	STUD	1.4923
15	PACKINGSET	GRAPHITE
14	NUT	1.4923
13	---	---
12	SPACER	1.4057/NITRATED
11	---	---
10	WATERFLANGE	10Cm09.10
9	BODY	10Cm09.10
8	---	---
7	STEM	1.4057/NITRATED
6	SEAT	STELLITE 6
5	FASTENING	10Cm09.10
4	PISTON	420
3	PISTONRING	1.4057/NITRATED
2	NOZZLE ASSY	1.4006
1	SPRAY CYLINDER	1.4006
ITEM	NAME	MATERIAL

F	21.05.2008	DETAILS ACTUATOR, UPDATED SEVERAL FIELDS IN TITLEBLOCK, ADDED WEIGHT
E	10.03.2008	UPDATED ACCORDING TO COMMENTS
D	22.06.2007	UPDATED ACCORDING TO COMMENTS
C	16.05.2007	RECOMMENDED TIGHTENING TORQUE FOR FLANGES
B	21.03.2007	UPDATED ACCORDING TO COMMENTS
A	28.02.2007	FIRST ISSUE

REVISION	DATE	DESCRIPTION
1	28.02.2007	FOR THE APPROVAL
2	28.02.2007	FOR FINAL
3	28.02.2007	AS BUILT
4	28.02.2007	MODEL 28 DESUPERHEATER
5	28.02.2007	MODEL 28 DESUPERHEATER

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CUSTOMER:	ALSTOM POWER SYSTEMS GmbH
CUSTOMER No.:	23-4500030376
CUSTOMER PROJECT:	MARITZA EAST 1 - UNIT 1
NARVIK No.:	N070561/02
NARVIK DLD. No.:	515-07-08997
ORDERED:	2x
NOZZLE TYPE:	3C-3H-6K
Kvs.:	18.277
STROKE:	120mm
IDENT No.:	07.28.08982 & 07.28.08983
TAG No.:	01LAF11A0004 & 01LAF12A0004
TOTAL WEIGHT:	±195 kg.

MAX DESIGN INLET PRESSURE: 125 BARG
MAX DESIGN OUTLET PRESSURE: 52 BARG
MAX DESIGN TEMPERATURE: 526°C

TIGHTENING TORQUE FOR STEAMFLANGE DN100:
RECOMMENDED TORQUE 460 Nm
WITHOUT ANY OBLIGATION

TIGHTENING TORQUE FOR WATERFLANGE DN80:
RECOMMENDED TORQUE 413 Nm
WITHOUT ANY OBLIGATION

WATERFLANGE
DN80-PN160
FORM E

STEAMFLANGE
DN100-PN160
FORM E