SH-drain station

venting device

left side

right side

ECO 1

ECO 2

SH 1

SH 2

SH 3

Flash Tank (BD)

CBD Tank

Condensate Storage Tank

SH-injection station

drum

evaporator

rear wall

left side wall

front wall

right side wall

rest drain

ЗАГЛУШКА

SH 1 outlet
P & ID Water-Steam Superheater
1.481201Z12 014-0002
MTZ/01/B/HAH--1201AF/D/002

SH 2 outlet
P & ID Water-Steam Superheater
1.481201Z12 014-0002
MTZ/01/B/HAH--1201AF/D/002

SH 3 inlet
P & ID Water-Steam Superheater
1.481201Z12 014-0002
MTZ/01/B/HAH--1201AF/D/002

from nitrogen storage tank

to roof

to feedwater tank
P & ID Feedwater
MTZ/12/MLAA------/FD/001

from condensate tank
P & ID Condensate System
1.481201Z12 014-0005
MTZ/01/B/CCS--1201AF/D/005

from P & ID
Steam Coil Air Preheater 1
1.481201Z12 014-0010
MTZ/01/B/HLC--1201AF/D/10

from P & ID
Steam Coil Air Preheater 2
1.481201Z12 014-
MTZ/01/B/HLC--1201AF/D/...

from feedwater tank overflow
P & ID Feedwater
MTZ/12/MLAA------/FD/001

to main cooling water return pipe
P & ID
MTZ/12/MPAC------/FD/001

steam from ASG

for Eco circulation

injector nozzle

filling pump

pressure pump

ammonia proportioning unit
(when required)

from Venting station

sampling connection

demineralized water

pressurizing connection for hydrostatic pressure test

filling connection for hydrostatic pressure test

reserve stub

from evaporator drains
P & ID Water-Steam ECO and Evaporator
1.481201Z12 014-0001
MTZ/01/B/HAD--1201AF/D/001

rest drain

filling connection for hydrostatic pressure test

P & ID Wet Ash Conveying System
1.481201Z12 014-0061
MTZ/01/B/HDA--1201AF/D/061

from main cooling water (cold branch)

drain pit by APG

P & ID Wet Ash Conveying System
1.481201Z12 014-0061
MTZ/01/B/HDA--1201AF/D/061

Condensate pumps

to drain station
P & ID Water-Steam Drain and Venting Stations
1.481201Z12 014-0004
MTZ/01/B/HA---1201AF/D/004

P & ID by APG
MTZ/12/MLAD------/FD/001

3,1 m above Boiler 9 Platform

feed water

MTZ/12/MQUL------/FD/001

to IBD tank

to CBD tank

MTZ/12/MQUL.....//FD/001

QIA 01HAD01C Q001

QIA 01HAD01C Q002

P & ID
MTZ/12/MLBA------/FD/003

to cold reheat

prov. flat head with vent connection

prov. end cap

prov. pressure test manometer

to SH 1

to roof

safety valve blocked

to drain station
P & ID Water-Steam Drain and Venting Stations
1.481201Z12 014-0004
MTZ/01/B/HA---1201AF/D/004

ЛЕГЕНДА:
ТЕСТОВИ ПАКЕТ 3.1
ЛИНИЯ ОБЕКТ НА ХИДРАВЛИЧНО ИЗПИТАНИЕ.
ЛИНИЯ ГРАНИЧНА НА ХИДРАВЛИЧНО ИЗПИТАНИЕ.

ТЕСТОВО НАЛЯГАНЕ – 252 BAR.

pressurized parts pack 1 474 bar g
pressurized parts 252 bar g

Delivery limit:
M1, M2
M1 : Turbine Hall
M2 : B.O.P.
B : Alstom Power Boiler

Rev.	Revision Date	Created by	Checked by	Approved by	Description	Status
6	21.10.2009	Sobiecki	Scharf	Scharf	Scheme revised, see revision cloud	
5	15.10.2009	Sobiecki	Erler	Scharf	see clouds	
4	07.10.2009	Sobiecki	Scharf	Scharf	Scheme revised	
3	15.09.2009	Herold	Scharf	Scharf	Scheme revised	
2	01.12.2008	Enggruber	Scharf	Scharf	Scheme revised, see revision clouds	
1	17.07.2008	Herold	Scharf	Scharf	Scheme revised	

Project (Проект)

Maritza East I Power Station

Company (Възложител)

Space for stamp of Municipality of Galabovo
Място за печат на Община Гълъбово

Space for further stamps
Място за допълнителни печати

Area for Stamp of EQE Control OOD (ICS)
Място за печат на EQE Control OOQ (Нивна. надзор)

Space for stamp of authorized Bulgarian Designer
Място за печат на лицензиран българско проектант

Main Contractor / Главен изпълнител

ALSTOM
Power Generation AG
Power Systems GmbH

Partner of Main Contractor / Партньор на главния изпълнител

Resp. dept. Отговорен отдел: ED-PPV	Created by Изготвен: Sobiecki	Checked by Проверил: Scharf	Approved by Одобрил: Scharf	Format Формат: 0	
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