



DESCRIPTION

- 1 GAS TURBINE GENERATOR
- 2 BYPASS STACK
- 3 HRSG
- 4 MAIN STACK
- 5 HRSG BLOW DOWN TANK
- 6 HRSG CHEMICAL DOSING SYSTEM
- 7 DEAERATOR
- 8 HP BOILER FEEDWATER PUMP
- 9 LP BOILER FEEDWATER PUMP
- 10 SWAS
- 11 CEMS
- 12 FUEL GAS FILTER
- 13 FUEL GAS HEATER
- 14 GTG CONTROL ROOM
- 15 HRSG LOCAL CONTROL BUILDING
- 16 GT STARTUP TRANSFORMER BUILDING
- 17 STG BUILDING
- 18 CONDENSER
- 19 GLAND STEAM CONDENSER
- 20 CONDENSATE EXTRACTION PUMP
- 21 CONDENSER VACUUM PUMP
- 22 CONDENSER TUBE CLEANING SYSTEM
- 23 CLOSED CYCLE COOLING WATER PUMP
- 24 CCOW HEAT EXCHANGER
- 25 COOLING TOWER
- 26 MAIN COOLING WATER PUMP
- 27 AUXILIARY COOLING WATER PUMP
- 28 COOLING TOWER CHEMICAL DOSING SYSTEM
- 29 DEMINERALIZED WATER TANK
- 30 SERVICE WATER & FIRE WATER STORAGE TANK
- 31 MAKEUP WATER PUMP
- 32 SERVICE WATER PUMP
- 33 WATER TREATMENT PLANT
- 34 WTP ELECTRICAL BUILDING
- 35 FIRE FIGHTING PUMP STATION
- 36 OIL WATER SEPARATOR
- 37 ELECTRICAL & CONTROL BUILDING
- 38 UNIT AUXILIARY TRANSFORMER
- 39 LV AUXILIARY TRANSFORMER
- 40 OILY DRAIN PIT
- 41 BLACK START DIESEL GENERATOR
- 42 FUEL OIL TANK FOR BLACK START DIESEL GENERATOR
- 43 COMPRESSED AIR STATION
- 44 GIS BUILDING (SWYD)
- 45 GTG STEP-UP TRANSFORMER
- 46 STG STEP-UP TRANSFORMER
- 47 AREA DRAIN PIT
- 48 RETENTION PIT
- 49 RETENTION PIT PUMP
- 50 EMERGENCY PIT
- 51 EMERGENCY PIT PUMP
- 52 STORM WATER PIT
- 53 INSPECTION PIT
- 54 RAW WATER BUFFER TANK
- 55 RAW WATER PUMP
- 56 MP/LP PROCESS STEAM HEADER
- 57 AUTOMATIC SELF CLEANING FILTER
- 58 PIT GAS METERING STATION AREA (NON-EPC)
- 59 GUARD HOUSE (NON-EPC)
- 60 ADMINISTRATION BUILDING (NON-EPC)
- 61 WORKSHOP (NON-EPC)
- 62 WAREHOUSE (NON-EPC)
- 63 CHEMICAL BUILDING (NON-EPC)
- 64 WASTE BUILDING (NON-EPC)
- 65 VARNISH REMOVAL UNIT (NON-EPC)
- 66 BLOWDOWN QUENCHING PUMPS
- 67 STORM WATER DISCHARGE PUMPS
- 68 DELETED
- 69 SERVICE WATER ACCUMULATOR

LIST OF TERMINAL POINTS

- T1.1 : FUEL GAS SUPPLY
- T1.2 : SIGNAL EXCHANGE WITH FUEL GAS METERING STATION
- T2.1 : RECYCLE WATER SUPPLY
- T2.2 : RAW WATER SUPPLY
- T3 : WASTE WATER DISCHARGE
- T4.1A : PROCESS STEAM (MP) DISTRIBUTION HEADER OUTLET
- T4.1B : PROCESS STEAM (MP) DISTRIBUTION HEADER OUTLET (SPARE NOZZLE)
- T4.1E : PROCESS STEAM (LP) DISTRIBUTION HEADER OUTLET
- T4.1F : PROCESS STEAM (LP) DISTRIBUTION HEADER OUTLET (SPARE NOZZLE)
- T4.2 : NOT APPLICABLE
- T4.2.1A : CONDENSATE RETURN
- T4.2.1B : CONDENSATE RETURN
- T4.2.3 : CONDENSATE WATER SUPPLY TO SERVICE WATER TANK
- T4.2.4A : MCW RETURN EXTRACTION FOR CONDENSATE PLANT (BLOCK 1)
- T4.2.4B : MCW RETURN EXTRACTION FOR CONDENSATE PLANT (BLOCK 2)
- T4.2.5A : MCW RETURN FROM CONDENSATE PLANT (BLOCK 1)
- T4.2.5B : MCW RETURN FROM CONDENSATE PLANT (BLOCK 2)
- T5 : STORM WATER DISCHARGE TERMINAL POINT
- T6.1 : 115kV CONNECTION FROM GIS BUILDING TO EGAT
- T6.2 : PROTECTION & INTER-TRIP FROM PLANT(S) TO EGAT NETWORK
- T7.1 : 115kV CONNECTION FROM GIS BUILDING TO IU
- T9.1 : AT MAIN ASIA IE ROAD (LOCATED WITHIN 10M OF SITE BOUNDARY)
- T12.1 : SERVICE WATER DISTRIBUTION (FOR NON EPC AREA / ADMINISTRATION BUILDING & GMRs)
- T12.2 : SERVICE WATER DISTRIBUTION (FOR NON EPC AREA / WORKSHOP & WAREHOUSE)
- T12.3 : SERVICE WATER DISTRIBUTION (FOR NON EPC AREA / GUARD HOUSE)
- T12.4 : SERVICE WATER DISTRIBUTION (FOR NON EPC AREA / CHEMICAL BUILDING)
- T14.2A : FIRE ALARM SYSTEM CONNECTION OF NON-EPC BUILDINGS TO STATION FIRE WATER SYSTEM
- T14.2B : FIRE ALARM SYSTEM CONNECTION OF NON-EPC BUILDINGS TO STATION FIRE WATER SYSTEM
- T14.2C : FIRE ALARM SYSTEM CONNECTION OF NON-EPC BUILDINGS TO STATION FIRE WATER SYSTEM
- T20.1 : HP STEAM TIE IN POINT NOZZLE (BLOCK 1)
- T20.2 : HP STEAM TIE IN POINT NOZZLE (BLOCK 2)

REFERENCE DRAWINGS:

- 1) BPAMR-G-M-GA-0002 GA FOR STG BUILDING AREA
- 2) BPAMR-G-M-GA-0003 GA FOR GTG/HRSG AREA
- 3) BPAMR-G-M-GA-0006 GA FOR CT/CWP AREA
- 4) BPAMR-G-M-GA-0007 GA FOR WTP/WATER TANK AREA
- 5) BPAMR-G-M-GA-0009 GA FOR SWITCHYARD AREA
- 6) BPAMR-G-M-GA-0010 GA FOR GIS BUILDING (SWYD)
- 7) BPAMR-G-M-GA-0014 GA FOR WTP ELECTRICAL BUILDING
- 8) BPAMR-G-M-GA-0017 GA FOR AIR COMPRESSOR STATION
- 9) BPAMR-G-M-GA-0018 GA FOR HRSG CONTROL BUILDING
- 10) BPAMR-G-M-GA-0020 GA FOR ELECTRICAL & CONTROL BUILDING
- 11) BPAMR-G-M-GA-0021 GA FOR GT STARTUP TRANSFORMER BUILDING
- 12) BPAMR-M-M-LS-0004 LIFTING LIST (HOIST LIST)

COORDINATE AND ELEVATION OF AIE'S REFERENCE SURVEY POINTS

POINT	COORDINATE (UTM INDIAN 1975)	ELEVATION (MSL)	REMARK
TEN-1	NORTHING, (M) 1,404,614.058 EASTING, (M) 726,894.522	+25.526	MONUMENT
TEN-2	NORTHING, (M) 1,404,708.838 EASTING, (M) 726,949.211	+25.469	MONUMENT

GENERAL NOTES:

- 1) ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE SPECIFIED.
- 2) SITE ELEVATION
GL±0 = MSL+26m
FL±0 = GL+0.2m FOR MAIN BUILDING
- 3) SITE COORDINATION
X +0 = E 726,832,340m
Y +0 = N 1,404,923,819m

- LEGEND
- GRIDLINES
 - GREEN AREA (>2664m2, 6.38% OF PLANT AREA)
 - RAMP / ROAD SLOPE
 - ACCESS PAVEMENT AREA
 - BOUNDARY 30 RAI (AREA FOR BUFFER ZONE)
 - PLANT BOUNDARY 26 RAI (FOR CONSTRUCTION AREA)
 - SET BACK LINE
 - 30M SETBACK LINE (A/E EXCLUSION ZONE)

FOR APPROVAL

This documentation is CONFIDENTIAL and is the INTELLECTUAL PROPERTY of TPSC Engineering (Malaysia) Sdn. Bhd. It must not be copied, loaned or transferred, nor must be disclosed any third party without their written permission. TPSC Engineering (Malaysia) Sdn. Bhd.

OWNER: B. Grimm Power (AIE-MTP) Limited

PROJECT: BPAMR COMBINED CYCLE COGENERATION PLANT PROJECT

CONTRACTOR: TPSC ENGINEERING (MALAYSIA) SDN. BHD.

TITLE: PLOT PLAN

PROJECT CONTROL NO.: BPAMR-G-M-GA-0001

REV: 7

DATE: 20.08.2020

SCALE: 1:300

UNITS: mm

APPROVED BY: SUNIL K. SANJEEV K.

CHECKED BY: PAVAN D.

DATE: 20.08.2020

DESIGNED BY: SANJEEV K.

DRAWN BY: SANJEEV K.

DATE: 20.08.2020

TPSC MALAYSIA

REGISTERED REGISTERED

DRAWING NO.: OWA-MPL-XBPAR-50001

REV: 7

REV	DATE	BY	CHKD	CONTENTS
7	12.NOV.2021	SUNIL K.		AS PER OWNER COMMENT
6	27.AUG.2021	SUNIL K.		AS PER OWNER COMMENT
5	22.JUL.2021	SUNIL K.		AS PER OWNER COMMENT
4	21.MAY.2021	SUNIL K.		AS PER OWNER COMMENT
3	25.MAR.2021	SUNIL K.		AS PER OWNER COMMENT
2	12.JAN.2021	SUNIL K.		AS PER OWNER COMMENT
1	30.NOV.2020	SUNIL K.		AS PER OWNER COMMENT
0	20.OCT.2020	SUNIL K.		FIRST ISSUE