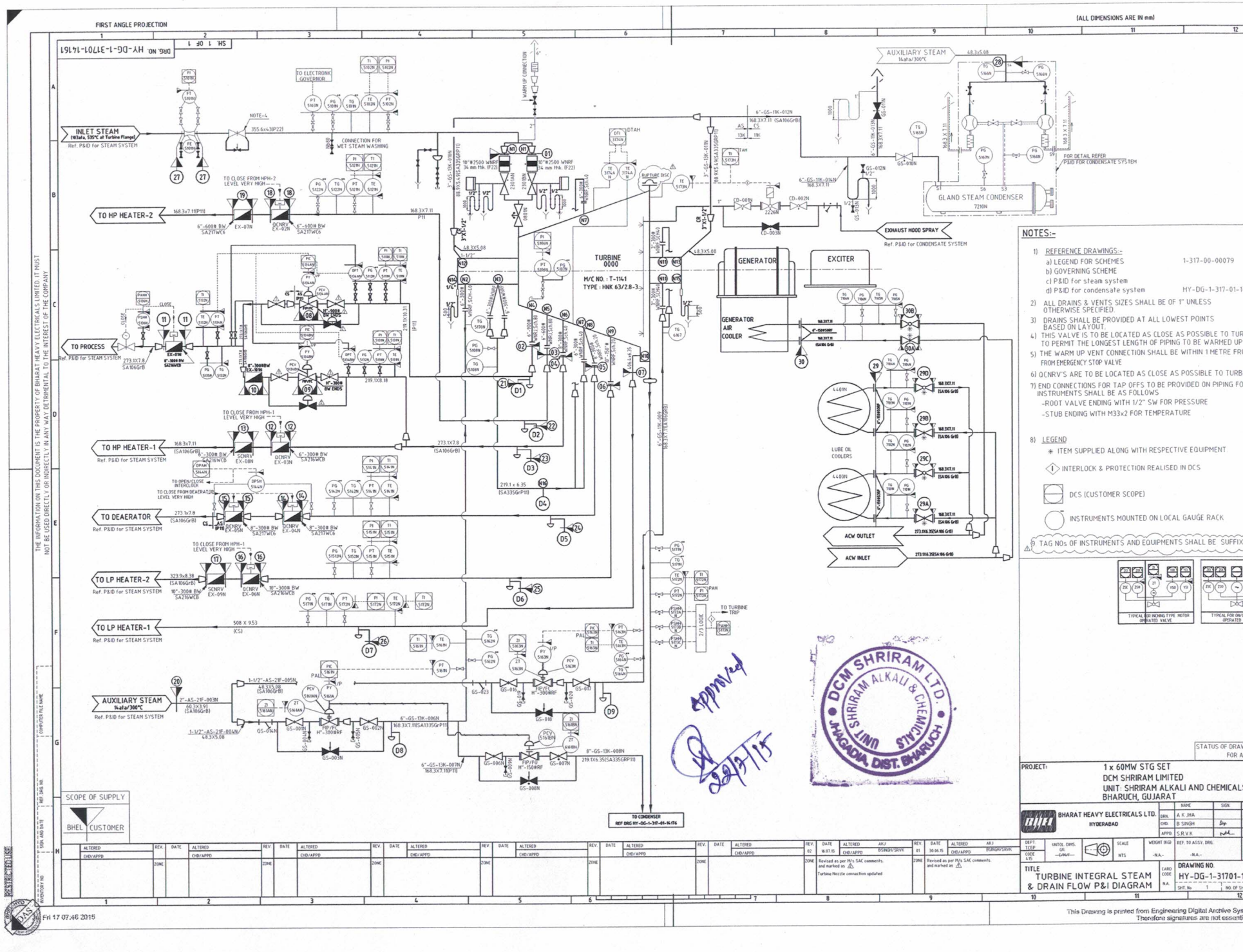
FIRST ANGLE PROJECTION
(ALL DIMENSIONS ARE IN mm)
DRG. NO. HY-DG-1-31701-14161
SH. 1 OF 1
INLET STEAM
(163ata, 535°C at Turbine Flange)
Ref. P&ID for STEAM SYSTEM
TO HP HEATER-2
TO HP HEATER-1
TO PROCESS
TO DEAERATOR
TO LP HEATER-2
TO LP HEATER-1
AUXILIARY STEAM
14ata/300°C
TURBINE
0000
M/C NO. : T-1141
TYPE : HNK 63/2.8-3
GENERATOR
EXCITER
GENERATOR AIR COOLER
LUBE OIL COOLERS
GLAND STEAM CONDENSER
7210N
EXHAUST HOOD SPRAY
Ref. P&ID for CONDENSATE SYSTEM
ACW OUTLET
ACW INLET
TO TURBINE TRIP
TO CONDENSER
REF DRG HY-DG-1-317-01-14176
SCOPE OF SUPPLY
BHEL
CUSTOMER
NOTES:-
1) REFERENCE DRAWINGS:-
a) LEGEND FOR SCHEMES 1-317-00-00079
b) GOVERNING SCHEME
c) P&ID for steam system
d) P&ID for condensate system HY-DG-1-317-01-1
2) ALL DRAINS & VENTS SIZES SHALL BE OF 1" UNLESS OTHERWISE SPECIFIED.
3) DRAINS SHALL BE PROVIDED AT ALL LOWEST POINTS BASED ON LAYOUT.
4) THIS VALVE IS TO BE LOCATED AS CLOSE AS POSSIBLE TO TUR TO PERMIT THE LONGEST LENGTH OF PIPING TO BE WARMED UP
5) THE WARM UP VENT CONNECTION SHALL BE WITHIN 1 METRE FR FROM EMERGENCY STOP VALVE
6) QCNRV'S ARE TO BE LOCATED AS CLOSE AS POSSIBLE TO TURB
7) END CONNECTIONS FOR TAP OFFS TO BE PROVIDED ON PIPING FO INSTRUMENTS SHALL BE AS FOLLOWS
-ROOT VALVE ENDING WITH 1/2" SW FOR PRESSURE
-STUB ENDING WITH M33x2 FOR TEMPERATURE
8) LEGEND
* ITEM SUPPLIED ALONG WITH RESPECTIVE EQUIPMENT
I INTERLOCK & PROTECTION REALISED IN DCS
DCS (CUSTOMER SCOPE)
INSTRUMENTS MOUNTED ON LOCAL GAUGE RACK
TAG NOs OF INSTRUMENTS AND EQUIPMENTS SHALL BE SUFFIX
TYPICAL FOR INCHING TYPE MOTOR OPERATED VALVE
TYPICAL FOR ON/
OPERATED
DCM SHRIRAM LTD.
SHRIRAM ALKALI & CHEMICALS
UNIT
JHAGADIA, DIST. BHARUCH
Approved
22/7/15
STATUS OF DRAW
FOR A
PROJECT:
1 x 60MW STG SET
DCM SHRIRAM LIMITED
UNIT: SHRIRAM ALKALI AND CHEMICALS
BHARUCH, GUJARAT
BHARAT HEAVY ELECTRICALS LTD.
HYDERABAD
DRN. A.K.JHA
CHD. B.SINGH
APPD S.R.V.K
REV. 02 DATE 14.07.15 ALTERED AKJ BSINGH/SRVK
Revised as per M/s SAC comments, and marked as 2
Turbine Nozzle connection updated
REV. 01 DATE 30.06.15 ALTERED AKJ BSINGH/SRVK
Revised as per M/s SAC comments, and marked as 1
DEPT. CODE 415
SCALE NTS
WEIGHT (KG) -N.A.-
REF. TO ASSY. DRG. -N.A.-
CARD CODE N.A.
TITLE
TURBINE INTEGRAL STEAM & DRAIN FLOW P&I DIAGRAM
DRAWING NO.
HY-DG-1-31701-1
SHT. No 1 NO. OF SH
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Fri 17 07:46 2015
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