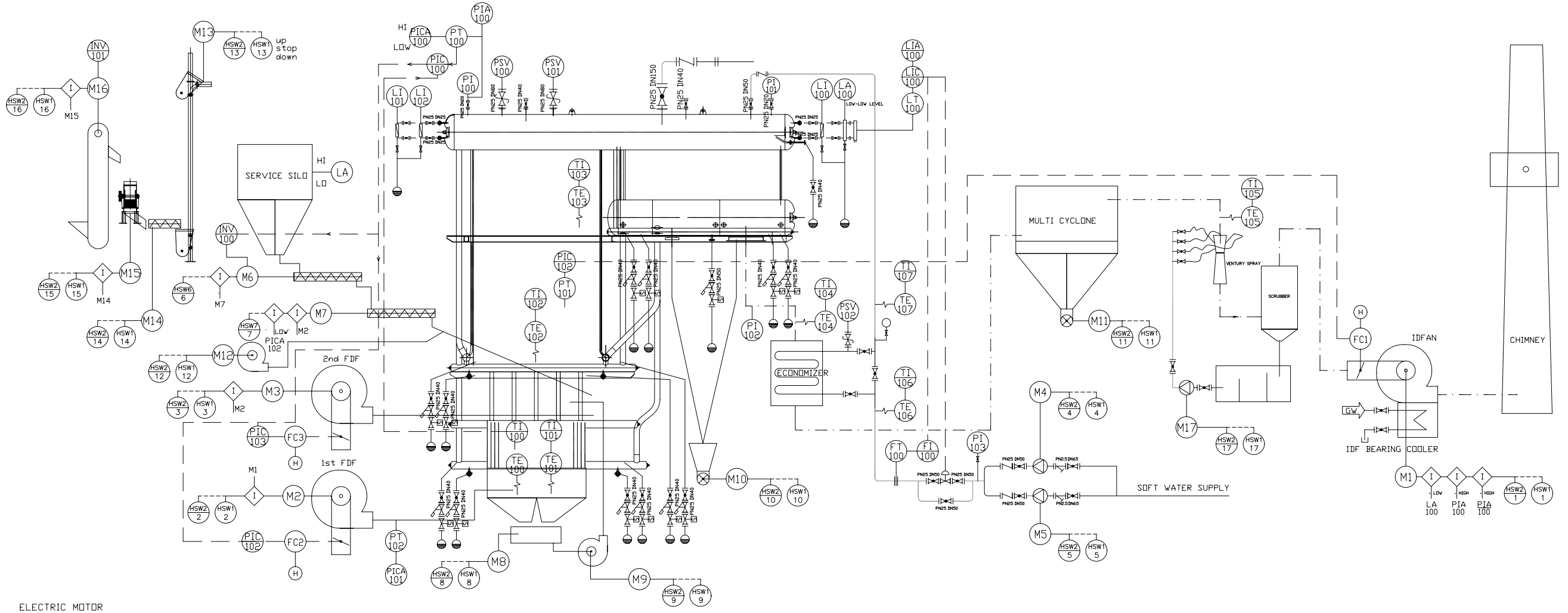

ELECTRIC MOTOR

- M1 INDUCED DRAFT FAN 380V,1450RPM
- M2 FORCED DRAFT FAN 380V,2900RPM
- M3 2nd FORCED DRAFT FAN 380V,1450RPM
- M4 FEED WATER PUMP 380V,2900RPM
- M5 FEED WATER PUMP 7,5 KW,380V,2900RPM
- M6 COAL FEEDER 1 380V,1450RPM
- M7 COAL FEEDER 2 380V,1450RPM
- M8 SILICA SAND SCREEN 380V,1450RPM
- M9 SILICA SAND BLOWER 380V,1450RPM
- M10 BOILER BELLY ROTARY VALVE 380V,1450RPM
- M11 CYCLONE ROTARY VALVE 380V,1450RPM
- M12 FEED CHUTE BLOWER 380V,1450RPM
- M13 COAL LIFTER 380V,1450RPM
- M14 COAL CRUSHER SCREW 380V,1450RPM
- M15 COAL CRUSHER 380V,1450RPM
- M16 BUCKET CONVEYOR 380V,1450RPM
- M17 SCUBBER PUMP 380V,1450RPM

- HSW1 1 LOCAL SWITCH INDUCED DRAFT FAN
- HSW2 1 REMOTE SWITCH INDUCED DRAFT FAN
- HSW1 2 LOCAL SWITCH FORCED DRAFT FAN
- HSW2 2 REMOTE SWITCH FORCED DRAFT FAN
- HSW1 3 LOCAL SWITCH 2ND FORCE DRAFT FAN
- HSW2 3 REMOTE SWITCH 2ND FORCE DRAFT FAN
- HSW1 4 LOCAL SWITCH BOILER FEED WATER PUMP 1
- HSW2 4 REMOTE SWITCH BOILER FEED WATER PUMP 1
- HSW1 5 LOCAL SWITCH BOILER FEED WATER PUMP 2
- HSW2 5 REMOTE SWITCH BOILER FEED WATER PUMP 2
- HSW6 6 REMOTE SWITCH SCREW FEADER 1
- HSW7 7 REMOTE SWITCH SCREW FEADER 2
- HSW1 8 LOCAL SWITCH SILICA SAND SCREEN
- HSW2 8 REMOTE SWITCH SILICA SAND SCREEN

- HSW1 9 LOCAL SWITCH SILICA SAND BLOWER
- HSW2 9 REMOTE SWITCH SILICA SAND BLOWER
- HSW1 10 LOCAL SWITCH BOILER BELLY ROTARY VALVE
- HSW2 10 REMOTE SWITCH BOILER BELLY ROTARY VALVE
- HSW1 11 LOCAL SWITCH CYCLONE ROTARY VALVE
- HSW2 11 REMOTE SWITCH CYCLONE ROTARY VALVE
- HSW1 12 LOCAL SWITCH FEED CHUTE BLOWER
- HSW2 12 REMOTE SWITCH FEED CHUTE BLOWER
- HSW1 13 LOCAL SWITCH COAL LIFTER
- HSW2 13 REMOTE SWITCH COAL LIFTER
- HSW1 14 LOCAL SWITCH COAL CRUSHER SCREW
- HSW2 14 REMOTE SWITCH COAL CRUSHER SCREW
- HSW1 15 LOCAL SWITCH COAL CRUSHER
- HSW2 15 REMOTE SWITCH COAL CRUSHER

- HSW1 16 LOCAL SWITCH BUCKET CONVEYOR
- HSW2 16 REMOTE SWITCH BUCKET CONVEYOR
- HSW1 17 LOCAL SWITCH SCRUBBER PUMP
- HSW2 17 REMOTE SWITCH SCRUBBER PUMP
- PI 100 PRESSURE INDICATOR BOILER PRESSURE
- PI 101 PRESSURE INDICATOR BOILER PRESSURE
- PI 102 PRESSURE INDICATOR BOILER EXHAUST PRESSURE
- PI 103 PRESSURE INDICATOR FEED WATER PUMP PRESSURE
- PT 100 PRESSURE TRANSMITER BOILER PRESSURE
- PT 101 PRESSURE TRANSMITER FURNACE PRESSURE
- PIC 100 CONTROLLER BOILER PRESSURE
- PIC 101 CONTROLLER FURNACE PRESSURE
- PIC 102 CONTROLLER 1st FDF
- PIC 103 CONTROLLER 2nd FDF
- PICA 100 BOILER PRESSURE INDICATOR AND ALARM
- PICA 101 FDF1 DUCTING PRESS. INDICATOR AND ALARM

- TI 100 TEMPERATURE INDICATOR FBC BED TEMPERATURE
- TE 100 TEMPERATURE ELEMENT FBC BED TEMPERATURE
- TI 101 TEMPERATURE INDICATOR FBC BED TEMPERATURE
- TE 101 TEMPERATURE ELEMENT FBC BED TEMPERATURE
- TI 102 TEMPERATURE INDICATOR FURNACE TEMPERATURE
- TE 102 TEMPERATURE ELEMENT FURNACE TEMPERATURE
- TI 103 TEMPERATURE INDICATOR FURNACE TEMPERATURE EXIT
- TE 103 TEMPERATURE ELEMENT FURNACE TEMPERATURE EXIT
- TI 104 TEMPERATURE INDICATOR BOILER EXHAUST.TEMP
- TE 104 TEMPERATURE ELEMENT BOILER EXHAUST.TEMP
- TI 105 TEMPERATURE INDICATOR MC EXHAUST.TEMP
- TE 105 TEMPERATURE ELEMENT MC EXHAUST.TEMP
- TI 106 TEMPERATURE INDICATOR ECONOMIZER INLET TEMP
- TE 106 TEMPERATURE ELEMENT ECONOMIZER INLET TEMP
- TI 107 TEMPERATURE INDICATOR ECONOMIZER OUTLET TEMP
- TE 107 TEMPERATURE ELEMENT ECONOMIZER OUTLET TEMP

- PSV 100 PRESSURE SAFETYVALVE BOILER
- PSV 101 PRESSURE SAFETYVALVE BOILER
- PSV 102 PRESSURE SAFETYVALVE ECONOMIZER
- LI 100 LEVEL INDICATOR BOILER WATER LEVEL
- LI 101 LEVEL INDICATOR BOILER WATER LEVEL
- LI 102 LEVEL INDICATOR BOILER WATER LEVEL
- LA 100 LEVEL ALARM BOILER WATER LEVEL
- LT 100 LEVEL TRANSMITTER BOILER WATER LEVEL
- LIC 100 CONTROLLER BOILER WATER LEVEL
- LIA 100 LEVEL INDICATOR ALARM BOILER WATER LEVEL

- FI 100 FLOW INDICATOR WATER FLOW
- FT 100 FLOW TRANSMITER WATER FLOW
- FC MOTORIZED DAMPER
- H MANUAL OPERATION LOCAL
- LA LEVEL ALARM
- INV 100 INVERTER SCREW FEEDER
- INV 101 INVERTER BUCKET CONVEYOR
- I INTERLOCK
- CCTV1 CAMERA

Designed by	Checked by	Approved by - date	Filename	Date	Scale
JAMIL	RP BORJA	RPB,-	FILENAME	-	NTS

HAMADA BOILER

MODEL: DF SERIES

PT HAMADA DAYATEKNINDO

HTTP://WWW.HAMADABOILER.COM

Client: FOR REFERENCE ONLY

PID

Drawing Number: DF - 0.0 - 1.0

Sheet: 1/1