

LEGEND

- 1 : Revision Index relative to the Equipment list. To be filled when the line is modified or created compared to the previous revision
- 2 : Item number
- 3 : Designation of the item
- 4 : Package item number in case equipment is included in a package
- 11 : Classification of Pressure vessels : 4 categories (I, II, III and IV) according to ascending level of hazard
- 12 : Conformity assessment procedures applied by Manufacturer : modules A, A1, B, B1, C1, D or D1, E or E1, F, G , H and H1
- 5 : PID(s) number where equipment is located
- 14 : Precommissioning system number : **UUU-L-YYY** where UUU= Unit Number / L= P for process units, U for Utilities, E for Electrical / YYY= Serial Number
- 6 : Driver : "T" for turbine, "M" for electrical motor, "D" for diesel, "S" for shaft, "P" for pneumatic, "E" for any other electrical connexion, "H" for hydraulic supply
- 7 : Position for vessels or "V" for (Vertical) or "H" for (Horizontal)
- 8 : Internal MaCS+CA (Corrosion Allowance) or L1 - *For pumps : Impeller* - *For filters : Filtering side* - *For vessels : internals (such as mesh, distributor, packing, trays,...) or internal lining / cladding*
- 9 : External MCS+CA (Corrosion Allowance) or L1 - *For pumps : casing* - *For filters : Shell side* - *For vessels : shell side*
- 10 : Insulation t H Hot insulation, C Cold insulation, A Acoustic insulation, PP Personal protection, NI not insulated, ST Steam traced, HT Hot insulation with tracing (e.g. electrical tracing)
- 30 : Thickness of insulation
- 31 : Material of insulation
- 32 : Surface of equipment to be insulated
- 41 : Classification
- 42 : Procured by
- 43 : Spare

EQUIPMENT LIST

IDENTIFICATION				LOCALISATION	DESIGN PARAMETERS								INSULATION / PAINTING / WEIGHT								
REV	TAG	SERVICE	PARENT TAG NUMBER	PID # (and grid)	D R I V E R	P O W E R / D U T Y (kW)	P O S I T I O N	Design pressure	Design temperature	Operating temperature	MATERIAL		Duty volume, flowrate, ... m3, m3/h	INSULATION			P A I N T I N G SYSTEM	W E I G H T (Tons)	O P E R A T I N G W E I G H T (Tons)	W E I G H T (Tons)	C L A S S I F I C A T I O N
								(Bar g)	(° C)	(° C)	I N T E R N A L	E X T E R N A L		T Y P E	T H I C K N E S S (mm)	M A T E R I A L					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)		
A	HE-5420	TUBE AND SHELL HEAT EXCHANGER	GP-5000					16	203	129/85	SS 18-10	SS 18-10		H					0,023		
A	MX-5430	HOT WATER STATIC MIXER	GP-5000					10	120	75	316SS	316SS		H					0,008		
A	PU-5210-A/B	FEED WATER TRANSFER PUMPS	GP-5000		M	0,75		16	120	95	EN-JL1030	EN-JL1040							0,0484		
A	PU-5410	HOT WATER PUMP	GP-5000		M	0,75		16	120	90	1.4301	EN-JL1030							0,0223		
A	PU-5420	HOT WATER PUMP FOR HEAT EXCHANGER	GP-5000		M	2,2		16	120	90	1.4301	EN-JL1030							0,046		
A	PU-5710	CHEMICAL DOSING PUMP	GP-5000		E	0,0152		7	50	35	PTFE	PP							0,0025		
A	TK-5200	FEED WATER TANK	GP-5000				H	0,5	111	95	P265GH	P265GH		H					0,5		
A	TK-5300	BLOW DOWN TANK	GP-5000				V	0,5	111	95	P265GH	P265GH		P					0,2		
A	TK-5400	HOT WATER TANK	GP-5000				V	0,5	111	90	SS304L	SS304L		H					1,3		
A	TK-5700	CHEMICAL TANK	GP-5000				V	NA	50	35		PE							0,02		
A	TK-5800	BUND TANK CHEMICALS	GP-5000				V	NA	50	35		PE							0,011		
A	ZM-5010	WATER SOFTENER TWIN	GP-5000					20	43	35		PE							0,125		
A	ZM-5020	SAMPLE COOLER	GP-5000					16	204	95	SS	SS							0,0029		
A	ZM-5030	HARDNESS CONTROL	GP-5000					8	40	35									0,009		
A	BO-5100	STEAM BOILER (SFO-75-1)	GP-5000					10	184	37-170	P235GH	ST 12-03		H					1,725		
A	BO-5500	STEAM BOILER (SFO-75-1)	GP-5000					10	184	37-170	P235GH	ST 12-03		H					1,725		
A	PU-5120	PUMPGROUP OIL	GP-5000		M	0,75		40	180	15		EN-GJL-200							0,015		
A	PU-5520	PUMPGROUP OIL	GP-5000		M	0,75		40	180	15		EN-GJL-200							0,015		
A	PU-5110	FEED WATER PUMP	GP-5000		M	2,4/1,5		35	110	95	SAE 4140/42	A-536-70T							0,325		
A	PU-5510	FEED WATER PUMP	GP-5000		M	2,4/1,5		35	110	95	SAE 4140/42	A-536-70T							0,325		
C	SR-5100	DRY STEAM SEPARATOR	GP-5000				V	31	240	170	ST 35.8.1	ST 35.8.1		H					0,105		
C	SR-5500	DRY STEAM SEPARATOR	GP-5000				V	31	240	170	ST 35.8.1	ST 35.8.1		H					0,105		
C	FA-5120-M	BLOWER GENERATOR	GP-5000		M	5,5		NA											0,041		
C	FA-5520-M	BLOWER GENERATOR	GP-5000		M	5,5		NA											0,041		
C	FA-5001-M	BLOWER CONTAINER AUX.	GP-5000		M	0,1		NA													
C	FA-5002-M	BLOWER CONTAINER GEN.	GP-5000		M	0,3		NA													