

No :
Tanggal : 23 Januari 2026
Dari : Engineering

SURAT PERMINTAAN BARANG

No	Kode Barang	Nama Barang, Tipe, Spesifikasi	Lokasi / User	Riwayat Pembelian				Jumlah Permintaan	Satuan	Target Date	Kategori		Keterangan
				Tanggal	Jumlah	No SPB	Supplier						
1	IMO16095	Transfer Pump LKH-10 Q=5T/H H=25m P=2.2KW 316 Outlet At 45°, Equipped With a Drain Port	Unit 8B	-	-	-	-	1	Unit	16-03-26	1. Inventaris		Sesuai Dengan Process & Utility Distribution Unit 8B P2.1 Permintaan Parts IMPORT Untuk Mixing Tank 5000 Liter No. 2 di Unit 8B. No Inventaris : 045/U.8/PROD/MIX.2/12/18
2	PMSN00071	Electric Control Cabinet	Unit 8B	-	-	-	-	1	Set	16-03-26	2. Spareparts	v	
3	PMSN00071	Pneumatic Control Cabinet	Unit 8B	-	-	-	-	1	Set	16-03-26	3. Consumable		
4	IMO16007	Pure Steam Diaphragm Pressure Gauge 0-0.6Mpa/ Sanitary Clamp 316L	Unit 8B	-	-	-	-	1	Pcs	16-03-26	4. Jasa		
5	IMO16007	Filter Pressure Gauge 0-0.6Mpa / Sanitary Clamp 316L	Unit 8B	-	-	-	-	8	Pcs	16-03-26	5. Project		
6	IMO16341	Pressure Sensor (Tank-Mounted) 0-0.6Mpa/M20*1.5 (4-20mA) Diaphragm 316L JUMO	Unit 8B	-	-	-	-	1	Pcs	16-03-26			
7	IMO20157	Temperature Sensor (For Drainage Of Various Filters and Tanks) (0-200°C) Sanitary Clamp 316L	Unit 8B	-	-	-	-	6	Pcs	16-03-26			
8	PMSN00066	Weighing Module (Four Support Legs of The Tank) Mettler	Unit 8B	-	-	-	-	1	Set	16-03-26			
9	IMO03425	Burkert Conductivity Measurement System (For CIP Cleaning) 8619, 0.01 Cell Constant Electrode	Unit 8B	-	-	-	-	1	Set	16-03-26			
10	PSMN00065	Manhole Cover Gasket (For 5000L Tank)	Unit 8B	-	-	-	-	2	Pcs	16-03-26			
11	IMO16424	Pneumatic Diaphragm Valve (Bottom Discharge of Transfer Pump) φ12.7*1.65 Welding 316L Burkert	Unit 8B	-	-	-	-	1	Pcs	16-03-26			

12	PMSN00067	Aseptic Sampling Valve Sanitary Clamp 316L	Unit 8B	-	-	-	-	3	Unit	16-03-26	1. Inventaris		Sesuai Dengan Process & Utility Distribution Unit 8B P2.1 Permintaan Parts IMPORT Untuk Mixing Tank 5000 Liter No. 2 di Unit 8B. No Inventaris : 045/U.8/PROD/MIX.2/12/18
13	IMO19080	Steam Trap (Thermostatic) For Compressed Air Filter DN15 Sanitary Clamp 304 Spirax Sarco	Unit 8B	-	-	-	-	1	Pcs	16-03-26	2. Spareparts	V	
14	IMO19080	Steam Trap (For The Jacket of 5-Ton Tank) (For Industrial Steam and Cooling Water) DN25 Sanitary Clamp 304 Spirax Sarco	Unit 8B	-	-	-	-	1	Pcs	16-03-26	3. Consumable		
15	IMO19080	Steam Trap (Thermostatic) For The Sterilization Of Tank Breather DN15 Sanitary Clamp 304 Spirax Sarco	Unit 8B	-	-	-	-	1	Pcs	16-03-26	4. Jasa		
16	IMO03061	Static Pressure Type Check Valve (For The Discharge Of Tank Breather) DN20 Sanitary Clamp 304 Ferrule Flange 50.4 mm	Unit 8B	-	-	-	-	1	Unit	16-03-26	5. Project		
17	PMSN00069	Spray Ball (For The Manway Cover Of Tank) Mounted On The φ38 Connection Port Of The Tank 316	Unit 8B	-	-	-	-	1	Unit	16-03-26			
18	IMO16424	Pneumatic Diaphragm Valve (For The Spray Port On The Tank) φ25 316L Kinglai / CES	Unit 8B	-	-	-	-	1	Pcs	16-03-26			
19	IMO16424	Pneumatic Diaphragm Valve (For Water Make-up and Circulation On The Tank) φ38 316L Kinglai / CES	Unit 8B	-	-	-	-	1	Pcs	16-03-26			
20	IMO19080	Steam Trap (Thermostatic) For Filter DN15 Sanitary Clamp 304 Spirax Sarco	Unit 8B	-	-	-	-	3	Pcs	16-03-26			
21	PMSN00070	Air Gap Separator (Inlet and Outlet) (For CIP Drain and Reflux) φ51 Sanitary Clamp 304 Kinglai / CES	Unit 8B	-	-	-	-	1	Unit	16-03-26			
22	IMO16424	Pneumatic Diaphragm Valve (For CIP On Pharmaceutical Filling Line) φ38 316L	Unit 8B	-	-	-	-	3	Unit	16-03-26			
23	IAL00149	Thermometer (HX Outlet Cold WFI) 0-150 Sanitary Quick Clamp 316L	Unit 8B	-	-	-	-	1	Unit	16-03-26			

PERMINTAAN PARTS (IMPORT) MIXING TANK 5000 LITER NO. 2 DI UNIT 8B

Situasi :

Mixing tank line 1 dan line 2 dikontrol oleh 1 control unit sehingga tidak bisa dioperasikan satu persatu.

Target :

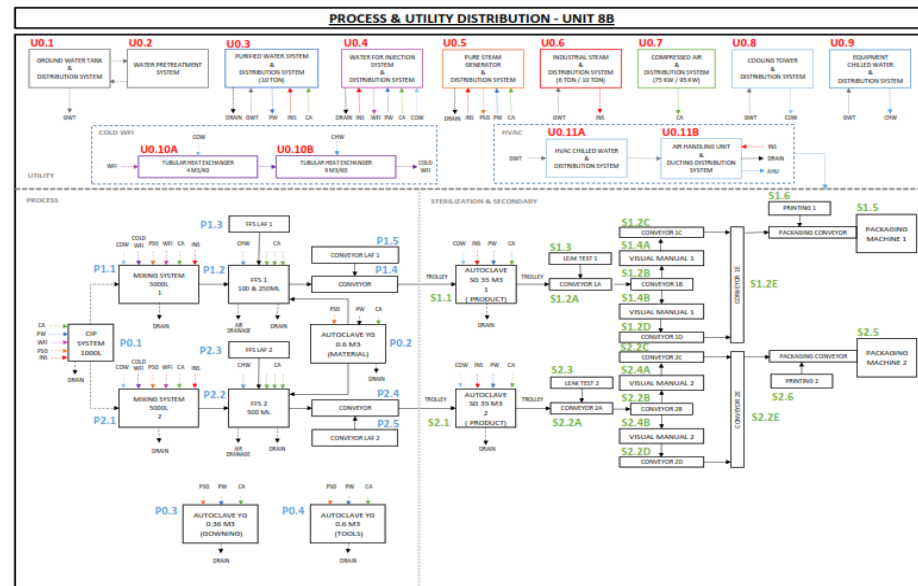
2 line dapat dioperasikan secara independent.

Proposal :

Menambahkan panel control untuk line 2.

Tanda tangan Pemohon (nama jelas)		Tanda Tangan Mengetahui (nama jelas)	Tanda Tangan Menyetujui (nama jelas)
 Ajeng Ayu D	 Mokh. Andri Gunawan	 Hendrawan	 Hermawan Widyaprasetya

Lampiran



蒸馏水机仪器仪表清单

生产编号：W1710

客户名称 Customer Name	印尼 Indonesia		八区5000L配液单独罐 Mixing 5000 Liter no. 2 045/U. 8/PROD/MIX. 2/12/18 (P2.1)	采购来源 Procurement Source		Import (P2.1)		
编号 Item No.	名称 Name		型号 Model	接口 Connection	材质 Material	数量 Quantity	制造商 Manufacturer	备注 Remarks
1		输送泵 transfer pump	LKH-10 Q=5T/H H=25m P=2.2KW		316	1台 1 unit	阿法拉伐 Alfa Laval	出口45°，带排污口 outlet at 45°，equipped with a drain port
2		电控柜一套 a set of electric control cabinet				1套 1 set		
3		气控柜 一套 a set of pneumatic control cabinet				1套 1 set		
4		纯蒸汽隔膜压力表 pure steam diaphragm pressure gauge	0-0.6Mpa/	快装 Sanitary Clamp	316L	1只 1 unit	上海致延 Shanghai Zhiyan	径向隔膜 radial diaphragm
5		过滤器压力表 filter pressure gauge	0-0.6Mpa/	快装 Sanitary Clamp	316L	8只 8 units	上海致延 Shanghai Zhiyan	径向隔膜 radial diaphragm
6		压力传感器（罐上用） pressure sensor (tank-mounted)	0-0.6Mpa/M20*1.5 (4-20mA)	隔膜 Diaphragm	316L	1只 1 unit	JUMO	

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编号 Item No.	名称 Name		型号 Model	接口 Connection	材质 Material	数量 Quantity	制造商 Manufacturer	备注 Remarks
7		温度传感器（各过滤器和罐排放用） temperature sensor (for drainage of various filters and tanks)	(0-200℃)	快装 Sanitary Clamp	316L	6只 6 units	JUMO	
8		称重模块（罐四只脚） weighing module (four support legs of the tank)				1套 1 set	梅特勒 Mettler	
9		宝德电导率一套（CIP清洗用） Burkert conductivity measurement system (for CIP cleaning)	8619、电极0.01 8619、0.01 cell constant electrode			1套 1 set	宝德 Burkert	
10		人孔盖密封圈（5000L罐用） manhole cover gasket (for 5000L tank)				2个 2 pieces		
11		气动隔膜阀（输送泵底部排放） pneumatic diaphragm valve (bottom discharge of transfer pump)	Φ12.7*1.65	焊接 Welding	316L	1只 1 unit	宝德 Burkert	
12		无菌取样阀 aseptic sampling valve		快装 Sanitary Clamp	316L	3只 3 units		
13		疏水阀（热静力）压缩空气过滤器用 steam trap (thermostatic) for compressed air filter	DN15	快装 Sanitary Clamp	304	1只 1 unit	斯派莎克 Spirax Sarco	
14		疏水阀（5吨罐夹套用）（工业蒸汽、冷却水用） steam trap (for the jacket of 5-ton tank) (for industrial steam and cooling water)	DN25	快装 Sanitary Clamp	304	1只 1 unit	斯派莎克 Spirax Sarco	

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编号 Item No.	名称 Name		型号 Model	接口 Connection	材质 Material	数量 Quantity	制造商 Manufacturer	备注 Remarks
15		疏水阀（热静力）呼吸器灭菌用 steam trap (thermostatic) for the sterilization of tank breather	DN15	快装 Sanitary Clamp	304	1只 1 unit	斯派莎克 Spirax Sarco	
16		静压式单向阀（呼吸器排放用） Static pressure type check valve (for the discharge of tank breather)	DN20	快装 Sanitary Clamp	304	1只 1 unit		Ferrule Flange 50.4 mm
17		喷淋球（罐人孔盖用） spray ball (for the manway cover of tank)	安装在罐上φ38 接口上 mounted on the φ38 connection port of the tank		316	1只 1 unit		2 Ferrule Sanitary
18		气动隔膜阀（罐上喷淋口用） pneumatic diaphragm valve (for the spray port on the tank)	φ 25		316L	1只 1 unit	新莱/CSE Kinglai/CES	
19		气动隔膜阀（罐上补水、循环用） pneumatic diaphragm valve (for water make-up and circulation on the tank)	φ 38		316L	1只 1 unit	新莱/CSE Kinglai/CES	
20		疏水阀（热静力）过滤器用 steam trap (thermostatic) for filter	DN15	快装 Sanitary Clamp	304	3只 3 units	斯派莎克 Spirax Sarco	
21		空气隔断器（进出口）（CIP排水回流用） air gap separator (inlet and outlet) (for CIP drain and reflux)	φ 51	快装 Sanitary Clamp	304	1只 1 unit	新莱/CSE Kinglai/CES	
22		气动隔膜阀（罐装线CIP使用） pneumatic diaphragm valve (for CIP on pharmaceutical filling line)	φ 38		316L	3只 3 units	新莱/CSE Kinglai/CES	



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编号 Item No.	名称 Name		型号 Model	接口 Connection	材质 Material	数量 Quantitv	制造商 Manufacturer	备注 Remarks
23	 温度表(换热器出水冷点注射水用) Thermometer (HX outlet Cold WFI)		0-150	快卡 Sanitary Quick Clamp	316L	1只 1 unit	新莱/CSE Kinglai/CES	