

No :
Tanggal : 28 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	IMO02116	manual ball valve(for pure steam) φ25 Sanitary Clamp 316L	Unit 8B	-	-	-	-	1	Unit	16-03-26	1. Inventaris		Sesuai Dengan Process & Utility Distribution Unit 8B P2.1 Permintaan Parts LOCAL Untuk Mixing Tank 5000 Liter No. 2 di Unit 8B. No Inventaris : 045/U.8/PROD/MIX.2/12/18
2	IMO02116	manual ball valve(for compressed air /Nitrogen switching) φ25 Sanitary Clamp 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26	2. Spareparts	v	
3	IMO20119	welded equal-diameter tee φ25*1.2 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26	3. Consumable		
4	IMO05011	long-radius elbow φ25*1.2 316L	Unit 8B	-	-	-	-	5	Unit	16-03-26	4. Jasa		
5	IMO03129	extended sanitary clamp fitting φ25*1.2 Sanitary Clamp 316L	Unit 8B	-	-	-	-	10	Set	16-03-26	5. Project		
6	IMO03129	pipe support φ25 304	Unit 8B	-	-	-	-	4	Unit	16-03-26			
7	IMO16049	pipeline φ25 316L @ 6 meter	Unit 8B	-	-	-	-	1	Batang	16-03-26			
8	PMSN00072	metal hose(for heating and cooling of the tank jacket) φ38 Sanitary Clamp 304	Unit 8B	-	-	-	-	2	Pcs	16-03-26			
9	IMO16424	pneumatic ball valve(for industrial steam and cooling water) φ38 Sanitary Clamp 304	Unit 8B	-	-	-	-	3	Unit	16-03-26			
10	IMO05011	long-radius elbow(for industrial steam and cooling water) φ38 304	Unit 8B	-	-	-	-	10	Unit	16-03-26			
11	IMO20119	welded equal-diameter tee(for industrial steam and cooling water) φ38 304	Unit 8B	-	-	-	-	6	Unit	16-03-26			
12	IMO03129	extended sanitary clamp fitting(for industrial steam and cooling water) φ38 Sanitary Clamp 304	Unit 8B	-	-	-	-	10	Unit	16-03-26			
13	IMO16007	industrial steam pressure gauge 0-0.6mpa (threaded connection/with coil tube) 304	Unit 8B	-	-	-	-	1	Set	16-03-26			

No	Kode Barang	Nama Barang, Tipe, Spesifikasi	Lokasi / User	Riwayat Pembelian				Jumlah Permintaan	Satuan	Target Date	Kategori		Keterangan
				Tanggal	Jumlah	No SPB	Supplier						
14	IMO03129	pipe support ϕ 38 304	Unit 8B	-	-	-	-	5	Unit	16-03-26			Sesuai Dengan Process & Utility Distribution Unit 8B P2.1 Permintaan Parts LOCAL Untuk Mixing Tank 5000 Liter No. 2 di Unit 8B. No Inventaris : 045/U.8/PROD/MIX.2/12/18
15	IMO16129	pipeline(for industrial steam and cooling water) ϕ 38 304 @ 6meter	Unit 8B	-	-	-	-	1	Batang	16-03-26			
16	IMO16129	pipeline(for the discharge of tank breather) ϕ 25 304 @ 6meter	Unit 8B	-	-	-	-	1	Batang	16-03-26			
17	IMO03129	extended sanitary clamp fitting(for the discharge of tank breather) ϕ 25*1.2 Sanitary Clamp 304	Unit 8B	-	-	-	-	4	Set	16-03-26			
18	IMO20119	welded equal-diameter tee(for the discharge of tank breather) ϕ 25*1.2 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			
19	IMO05011	long-radius elbow(for the discharge of tank breather) ϕ 25*1.2 304	Unit 8B	-	-	-	-	5	Unit	16-03-26			
20	IMO05011	45-degree elbow(for the discharge of tank breather) ϕ 25*1.2 304	Unit 8B	-	-	-	-	1	Unit	16-03-26			
21	PMSN00073	eccentric reducer(for the reducing connection of tank spray port) ϕ 38* ϕ 25*1.2 Sanitary Clamp 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26			
22	PMSN00073	eccentric reducer(for the transfer pump port) ϕ 64* ϕ 38*1.2 Sanitary Clamp 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26			
23	PMSN00073	eccentric reducer(for the tank bottom outlet) ϕ 51* ϕ 38*1.2 Sanitary Clamp 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26			
24	IMO05011	45-degree elbow(for the tank bottom outlet) ϕ 51*1.2 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26			
25	IMO20119	welded equal-diameter tee(for the drug solution pipeline) ϕ 38*1.2 316L	Unit 8B	-	-	-	-	6	Unit	16-03-26			
26	IMO05011	long-radius elbow(for the drug solution pipeline) ϕ 38*1.2 316L	Unit 8B	-	-	-	-	30	Unit	16-03-26			
27	IMO03129	extended sanitary clamp fitting(for the drug solution pipeline) ϕ 38*1.2 Sanitary Clamp 316L	Unit 8B	-	-	-	-	20	Set	16-03-26			

No	Kode Barang	Nama Barang, Tipe, Spesifikasi	Lokasi / User	Riwayat Pembelian				Jumlah Permintaan	Satuan	Target Date	Kategori		Keterangan
				Tanggal	Jumlah	No SPB	Supplier						
28	IMO16049	pipeline(for the drug solution pipeline) φ38 316L @ 6meter	Unit 8B	-	-	-	-	4	Batang	16-03-26			Sesuai Dengan Process & Utility Distribution Unit 8B P2.1 Permintaan Parts LOCAL Untuk Mixing Tank 5000 Liter No. 2 di Unit 8B. No Inventaris : 045/U.8/PROD/MIX.2/12/18
29	IMO03129	pipe support (with round base, 20 pieces) φ38 304	Unit 8B	-	-	-	-	20	Unit	16-03-26			
30	IMO16424	pneumatic ball valve(for tank bottom discharge) φ38 Sanitary Clamp 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			
31	IMO16424	pneumatic ball valve(for filter discharge) φ25 Sanitary Clamp 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			
32	IMO03129	extended sanitary clamp fitting(φ15 small tri-clamp) φ12.7*1.65 Sanitary Clamp 304	Unit 8B	-	-	-	-	6	Set	16-03-26			
33	IMO05011	long-radius elbow(for filter discharge) φ12.7*1.65 304	Unit 8B	-	-	-	-	6	Unit	16-03-26			
34	PMSN00073	eccentric reducer(for filter discharge) φ25*φ12.7*1.2 304	Unit 8B	-	-	-	-	4	Unit	16-03-26			
35	IMO20119	welded equal-diameter tee(for filter discharge) φ25*1.2 304	Unit 8B	-	-	-	-	6	Unit	16-03-26			
36	IMO05011	long-radius elbow(for filter discharge) φ25*1.2 304	Unit 8B	-	-	-	-	5	Unit	16-03-26			
37	IMO16129	pipeline(for condensate drainage) φ38*1.2 304 @ 6meter	Unit 8B	-	-	-	-	1	Batang	16-03-26			
38	IMO03129	extended sanitary clamp fitting (for condensate drainage) φ38*1.2 Sanitary Clamp 304	Unit 8B	-	-	-	-	6	Set	16-03-26			
39	IMO20119	extended reducing tee(for condensate drainage) φ38*φ25*1.6 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			
40	IMO20119	welded equal-diameter(for condensate drainage) φ38*1.2 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			
41	IMO05011	long-radius elbow(for condensate drainage) φ38*1.2 304	Unit 8B	-	-	-	-	4	Unit	16-03-26			
42	IMO02116	manual ball valve(for CIP drain and reflux switching) φ51 Sanitary Clamp 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			
43	IMO20119	extended reducing tee(for CIP drain and reflux) φ51*φ25*1.6 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			

No	Kode Barang	Nama Barang, Tipe, Spesifikasi	Lokasi / User	Riwayat Pembelian				Jumlah Permintaan	Satuan	Target Date	Kategori		Keterangan
				Tanggal	Jumlah	No SPB	Supplier						
44	IMO16129	pipeline(for CIP drain and reflux) φ51*1.2 304 @ 6meter	Unit 8B	-	-	-	-	2	Batang	16-03-26			Sesuai Dengan Process & Utility Distribution Unit 8B P2.1 Permintaan Parts LOCAL Untuk Mixing Tank 5000 Liter No. 2 di Unit 8B. No Inventaris : 045/U.8/PROD/MIX.2/12/18
45	IMO16424	pneumatic diaphragm valve(for CIP on pharmaceutical filling line) φ38 316L	Unit 8B	-	-	-	-	3	Unit	16-03-26			
46	IMO02071	stainless steel square tube 45*75 304 @ 6meter	Unit 8B	-	-	-	-	1	Batang	16-03-26			
47	PMSN00075	Manual Diaphragm Valve (for Cold WFI) φ51 Welding 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26			
48	PMSN00075	Manual Angle Seat Valve (Solution Tank HX Cold Point) φ38 Sanitary Clamp 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			
49	IMO16129	Pipeline (Solution Tank HX Cold Point) φ38*1.2 304 @ 6meter	Unit 8B	-	-	-	-	2	Batang	16-03-26			
50	IMO05011	Extended Elbow (Solution Tank HX Cold Point) φ38*1.2 304	Unit 8B	-	-	-	-	8	Unit	16-03-26			
51	IMO03129	Extended Clamp Connector (HX Cold Point) φ38*1.2 Sanitary Clamp 304	Unit 8B	-	-	-	-	8	Set	16-03-26			
52	IMO16049	Pipeline (for Cold WFI) φ51 316L @ 6meter	Unit 8B	-	-	-	-	1	Batang	16-03-26			
53	IMO05011	Extended Elbow (for Cold WFI) φ51*1.2 316L	Unit 8B	-	-	-	-	4	Unit	16-03-26			
54	IMO20119	Welded Equal Tee (for Cold WFI) φ51*1.2 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26			
55	IMO20119	Long Reducing Tee (Cold WFI, Tank A - B) φ51*φ38*1.6 316L	Unit 8B	-	-	-	-	3	Unit	16-03-26			
56	IMO03129	Extended Clamp Connector (WFI, Tank A-B) φ51*1.2 Sanitary Clamp 316L	Unit 8B	-	-	-	-	8	Set	16-03-26			
57	IMO16049	Pipeline (CIP Mobile) φ51 316L @ 6meter	Unit 8B	-	-	-	-	5	Batang	16-03-26			
58	IMO05011	Extended Elbow (CIP Mobile) φ51*1.2 316L	Unit 8B	-	-	-	-	16	Unit	16-03-26			
59	IMO20119	Welded Equal Tee (CIP Mobile) φ51*1.2 316L	Unit 8B	-	-	-	-	2	Unit	16-03-26			
60	IMO03129	Extended Clamp Connector (CIP Mobile) φ51*1.2 Sanitary Clamp 316L	Unit 8B	-	-	-	-	8	Set	16-03-26			

No	Kode Barang	Nama Barang, Tipe, Spesifikasi	Lokasi / User	Riwayat Pembelian				Jumlah Permintaan	Satuan	Target Date	Kategori		Keterangan
				Tanggal	Jumlah	No SPB	Supplier						
61	IMO03129	Pipe Support (for Tank A - B) ϕ 38 304	Unit 8B	-	-	-	-	30	Unit	16-03-26			Sesuai Dengan Process & Utility Distribution Unit 8B P2.1 Permintaan Parts LOCAL Untuk Mixing Tank 5000 Liter No. 2 di Unit 8B. No Inventaris : 045/U.8/PROD/MIX.2/12/18
62	IMO03129	Pipe Support (for Tank A - B) ϕ 51 304	Unit 8B	-	-	-	-	20	Unit	16-03-26			
63	IMO03129	Tri-Clamp Gasket (for Tank A - B) ϕ 38 Sanitary Clamp 304	Unit 8B	-	-	-	-	40	Set	16-03-26			
64	IMO03129	Pipe Support (for Tank A - B) ϕ 51 304	Unit 8B	-	-	-	-	30	Set	16-03-26			
65	IMO03129	Pipe Support (for Tank A - B) ϕ 15 304	Unit 8B	-	-	-	-	15	Set	16-03-26			
66	IMO03129	Pipe Support with Round base (for Tank A - B) 304	Unit 8B	-	-	-	-	40	Pcs	16-03-26			
67	IMO02116	Manual Ball Valve (CIP System) ϕ 25 Sanitary Clamp 304	Unit 8B	-	-	-	-	2	Unit	16-03-26			

PERMINTAAN PARTS (LOCAL) 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 :

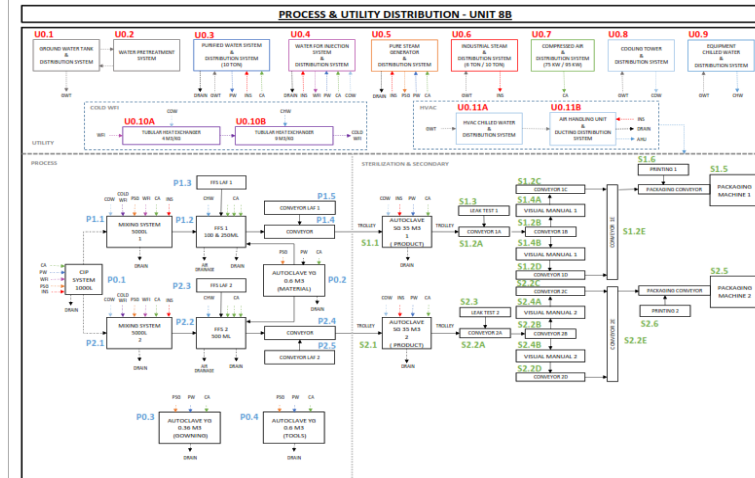
2 line dapat dioperasikan secara independent.

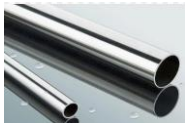
Proposal :

Menambahkan panel control untuk line 2.

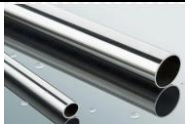
Tanda tangan Pemohon (nama jelas)		Tanda Tangan Mengetahui (nama jelas)	Tanda Tangan Menyetujui (nama jelas)
			
Ajeng Ayu D	Mokh. Andri Gunawan	Hendrawan	Hermawan Widyaprasetya

Lampiran



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		Local (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		手动球阀（纯蒸汽用） manual ball valve(for pure steam)	Φ 25	快装 Sanitary Clamp	316L	1只 1 unit		
2		手动球阀（压缩空气用、切换氮气） manual ball valve(for compressed air /Nitrogen switching)	Φ 25	快装 Sanitary Clamp	316L	2只 2 units		
3		焊接同径三通 welded equal-diameter tee	Φ 25*1.2		316L	2只 2 units	新莱/CSE Kinglai/CES	
4		加长弯头 long-radius elbow	Φ 25*1.2		316L	5只 5 units	新莱/CSE Kinglai/CES	
5		加长卡箍式接头 extended sanitary clamp fitting	Φ 25*1.2	快装 Sanitary Clamp	316L	10 sets	新莱/CSE Kinglai/CES	
6		管支架 pipe support	Φ 25		304	4只 4 units	新莱/CSE Kinglai/CES	
7		管道 pipeline	Φ 25		316L	6m	新莱/CSE Kinglai/CES	

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		Local (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
8		金属软管（罐夹层加热、冷却用） metal hose(for heating and cooling of the tank jacket)	Φ38	快装 Sanitary Clamp	304	2 根 2 pieces		
9		气动球阀（工业蒸汽、冷却水用） pneumatic ball valve(for industrial steam and cooling water)	Φ38	快装 Sanitary Clamp	304	3只 3 units		
10		加长弯头（工业蒸汽、冷却水用） long-radius elbow(for industrial steam and cooling water)	Φ38		304	10只 10 units		
11		焊接同径三通（工业蒸汽、冷却水用） welded equal-diameter tee(for industrial steam and cooling water)	Φ38		304	6只 6 units		
12		加长卡箍式接头（工业蒸汽、冷却水用） extended sanitary clamp fitting(for industrial steam and cooling water)	Φ38	快装 Sanitary Clamp	304	10只 10 units		
13		工业蒸汽压力表0-0.6mpa（丝牙\带盘管） industrial steam pressure gauge 0-0.6mpa (threaded connection/with coil tube)			304	1套 1 set		
14		管支架 pipe support	Φ38		304	5只 5 units		

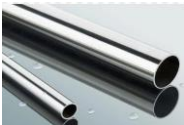
客户名称 Customer Name	印尼 Indonesia		八区5000L配液单独罐 Mixing 5000 Liter no. 2 045/U. 8/PROD/MIX. 2/12/18 (P2.1)	采购来源 Procurement Source		Local (P2.1)		
编号 Item No.	名称 Name		型号 Model	接口 Connection	材质 Material	数量 Quantity	制造商 Manufacturer	备注 Remarks
15		管道（工业蒸汽、冷却水用） pipeline(for industrial steam and cooling water)	Φ38		304	6m		
16		管道（呼吸器排放用） pipeline(for the discharge of tank breather)	Φ25		304	6m	新莱/CSE Kinglai/CES	
17		加长卡箍式接头（呼吸器排放用） extended sanitary clamp fitting(for the discharge of tank breather)	Φ25*1.2	快装 Sanitary Clamp	304	4 sets	新莱/CSE Kinglai/CES	
18		焊接同径三通（呼吸器排放用） welded equal-diameter tee(for the discharge of tank breather)	Φ25*1.2		304	2只 2 units	新莱/CSE Kinglai/CES	
19		加长弯头（呼吸器排放用） long-radius elbow(for the discharge of tank breather)	Φ25*1.2		304	5只 5 units	新莱/CSE Kinglai/CES	
20		45度弯头（呼吸器排放用） 45-degree elbow(for the discharge of tank breather)	Φ25*1.2		304	1只 1 unit	新莱/CSE Kinglai/CES	
21		偏心大小头（罐上喷淋口变径用） eccentric reducer(for the reducing connection of tank spray port)	Φ38*Φ25*1.2	快装 Sanitary Clamp	316L	2只 2 units	新莱/CSE Kinglai/CES	

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		Local (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
22		偏心大小头（输送泵口用） eccentric reducer(for the transfer pump port)	Φ64*Φ38*1.2	快装 Sanitary Clamp	316L	2只 2 units	新莱/CSE Kinglai/CES	
23		偏心大小头（罐下出口用） eccentric reducer(for the tank bottom outlet)	Φ51*Φ38*1.2	快装 Sanitary Clamp	316L	2只 2 units	新莱/CSE Kinglai/CES	
24		45度弯头（罐下出口用） 45-degree elbow(for the tank bottom outlet)	Φ51*1.2		316L	2只 2 units	新莱/CSE Kinglai/CES	
25		焊接同径三通（药液管道用） welded equal-diameter tee(for the drug solution pipeline)	Φ38*1.2		316L	6只 6 units	新莱/CSE Kinglai/CES	
26		加长弯头（药液管道用） long-radius elbow(for the drug solution pipeline)	Φ38*1.2		316L	30只 30 units	新莱/CSE Kinglai/CES	
27		加长卡箍式接头（药液管道用） extended sanitary clamp fitting(for the drug solution pipeline)	Φ38*1.2	快装 Sanitary Clamp	316L	20 sets	新莱/CSE Kinglai/CES	
28		管道（药液管道用） pipeline(for the drug solution pipeline)	Φ38		316L	24m	新莱/CSE Kinglai/CES	

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		Local (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
29		管支架（带圆底座20片） pipe support (with round base, 20 pieces)	φ 38		304	20只 20 units	新莱/CSE Kinglai/CES	
30		气动球阀（罐底排放用） pneumatic ball valve(for tank bottom discharge)	φ 38	快装 Sanitary Clamp	304	2只 2 units		
31		气动球阀（过滤器排放用） pneumatic ball valve(for filter discharge)	φ 25	快装 Sanitary Clamp	304	2只 2 units		
32		加长卡箍式接头（φ15小卡盘） extended sanitary clamp fitting(φ15 small tri-clamp)	φ 12. 7*1. 65	快装 Sanitary Clamp	304	6 sets	新莱/CSE Kinglai/CES	
33		加长弯头（过滤器排放用） long-radius elbow(for filter discharge)	φ 12. 7*1. 65		304	6只 6 units	新莱/CSE Kinglai/CES	
34		偏心大小头（过滤器排放用） eccentric reducer(for filter discharge)	φ 25* φ 12. 7*1. 2		304	4只 4 units	新莱/CSE Kinglai/CES	
35		焊接同径三通（过滤器排放用） welded equal-diameter tee(for filter discharge)	φ 25*1. 2		304	6只 6 units	新莱/CSE Kinglai/CES	

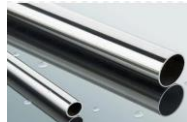
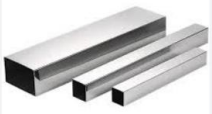
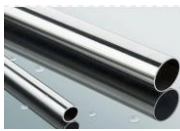
蒸馏水机仪器仪表清单

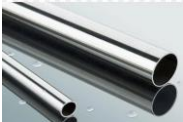
生产编号：W1710

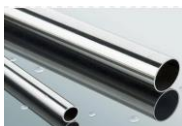
客户名称 Customer Name	印尼 Indonesia		八区5000L配液单独罐 Mixing 5000 Liter no. 2 045/U. 8/PROD/MIX. 2/12/18 (P2.1)	采购来源 Procurement Source		Local (P2.1)		
编号 Item No.	名称 Name		型号 Model	接口 Connection	材质 Material	数量 Quantity	制造商 Manufacturer	备注 Remarks
36		加长弯头（过滤器排放用） long-radius elbow(for filter discharge)	Φ25*1.2		304	5只 5 units	新莱/CSE Kinglai/CES	
37		管道(冷凝水排水用) pipeline(for condensate drainage)	Φ38*1.2		304	6m	新莱/CSE Kinglai/CES	
38		加长卡箍式接头（冷凝水排水用） extended sanitary clamp fitting (for condensate drainage)	Φ38*1.2	快装 Sanitary Clamp	304	6 sets	新莱/CSE Kinglai/CES	
39		加长异径三通(冷凝水排水用) extended reducing tee(for condensate drainage)	Φ38*Φ25*1.6		304	2只 2 units	新莱/CSE Kinglai/CES	
40		焊接同径三通（冷凝水排水用） welded equal-diameter(for condensate drainage)	Φ38*1.2		304	2只 2 units	新莱/CSE Kinglai/CES	
41		加长弯头（冷凝水排水用） long-radius elbow(for condensate drainage)	Φ38*1.2		304	4只 4 units	新莱/CSE Kinglai/CES	
42		手动球阀(CIP排水回流切换用) manual ball valve(for CIP drain and reflux switching)	Φ51	快装 Sanitary Clamp	304	2只 2 units		

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		Local (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
43		加长异径三通(CIP排水回流用) extended reducing tee(for CIP drain and reflux)	Φ51*Φ25*1.6		304	2只 2 units	新莱/CSE Kinglai/CES	
44		管道(CIP排水回流用) pipeline(for CIP drain and reflux)	Φ51*1.2		304	12m	新莱/CSE Kinglai/CES	
45		气动隔膜阀（罐装线CIP使用） pneumatic diaphragm valve(for CIP on pharmaceutical filling line)	Φ38		316L	3只 3 units	新莱/CSE Kinglai/CES	
46		不锈钢方管 stainless steel square tube	45*75		304	6m	新莱/CSE Kinglai/CES	
47		手动隔膜阀（配液罐取冷注射水用） Manual Diaphragm Valve (for Cold WFI)	Φ51	Welding	316L	2只 2 units	新莱/CSE Kinglai/CES	
48		手动角座阀（配液罐换热器冷点用） Manual Angle Seat Valve (Solution Tank HX Cold Point)	Φ38	快装 Sanitary Clamp	304	2只 2 units	新莱/CSE Kinglai/CES	
49		管道(配液罐换热器冷点用) Pipeline (Solution Tank HX Cold Point)	Φ38*1.2		304	12m	新莱/CSE Kinglai/CES	

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		Local (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
50		加长弯头（配液罐换热器冷点用） Extended Elbow (Solution Tank HX Cold Point)	Φ38*1.2		304	8只 8 units	新莱/CSE Kinglai/CES	
51		加长卡箍式接头（配液罐换热器冷点用） Extended Clamp Connector (HX Cold Point)	Φ38*1.2	快装 Sanitary Clamp	304	8 sets	新莱/CSE Kinglai/CES	
52		管道（冷注射水管道用） Pipeline (for Cold WFI)	Φ51		316L	6m	新莱/CSE Kinglai/CES	
53		加长弯头（冷注射水管道用） Extended Elbow (for Cold WFI)	Φ51*1.2		316L	4只 4 units	新莱/CSE Kinglai/CES	
54		焊接同径三通（冷注射水管道用） Welded Equal Tee (for Cold WFI)	Φ51*1.2		316L	2只 2 units	新莱/CSE Kinglai/CES	
55		加长异径三通（冷注射水管道A罐B罐用） Long Reducing Tee (Cold WFI, Tank A - B)	Φ51*Φ38*1.6		316L	3只 3 units	新莱/CSE Kinglai/CES	
56		加长卡箍式接头（注射水管道A罐B罐用） Extended Clamp Connector (WFI, Tank A-B)	Φ51*1.2	快装 Sanitary Clamp	316L	8 sets	新莱/CSE Kinglai/CES	

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		Local (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
57		管道（CIP系统移动位置用） Pipeline (CIP Mobile)	φ 51		316L	30m	新莱/CSE Kinglai/CES	
58		加长弯头（CIP系统移动位置用） Extended Elbow (CIP Mobile)	φ 51*1.2		316L	16只 16 Units	新莱/CSE Kinglai/CES	
59		焊接同径三通（CIP系统移动位置用） Welded Equal Tee (CIP Mobile)	φ 51*1.2		316L	2只 2 units	新莱/CSE Kinglai/CES	
60		加长卡箍式接头（CIP系统移动位置用） Extended Clamp Connector (CIP Mobile)	φ 51*1.2	快装 Sanitary Clamp	316L	8 sets	新莱/CSE Kinglai/CES	
61		管支架（A罐B罐共用） Pipe Support (for Tank A - B)	φ 38		304	30只 30 units	新莱/CSE Kinglai/CES	
62		管支架（A罐B罐共用） Pipe Support (for Tank A - B)	φ 51		304	20只 20 units	新莱/CSE Kinglai/CES	
63		卡箍垫圈（A罐B罐共用） Tri-Clamp Gasket (for Tank A - B)	φ 38	快装 Sanitary Clamp	304	40套 40 sets	新莱/CSE Kinglai/CES	

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		Local (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
64		管支架 (A罐B罐共用) Pipe Support (for Tank A - B)	Φ 51		304	30套 30 sets	新莱/CSE Kinglai/CES	
65		管支架 (A罐B罐共用) Pipe Support (for Tank A - B)	Φ 15		304	15套 15 sets	新莱/CSE Kinglai/CES	
66		管支架圆底座 (A罐B罐共用) Pipe Support with Round base (for Tank A - B)			304	40个 40 pieces	新莱/CSE Kinglai/CES	
67		手动球阀 (CIP系统缺少) Manual Ball Valve (CIP System)	Φ 25	快装 Sanitary Clamp	304	2只 2 units		CIP Tank 1000L 046/U. 8/PROD/TNK /12/18 (P0.1)