

Spare Part for: NEW COOLING TOWER

Item	DSCRIPTION	MANUFACTURE	UNIT	MAX
1	Relay interface (PI6W-1P-24VAC/DC)	Relpol SA	NOS	10
2	Barrier Switch /proximity detector repeater relay D1032 Q	G.M international	NOS	10
3	Barrier Switch /proximity detector repeater relay D1043 Q	G.M international	NOS	6
4	Barrier Switch /proximity detector repeater relay D5020D	G.M international	NOS	2
5	Barrier Switch /proximity detector repeater relay D1014 Q	G.M international	NOS	10
6	Barrier Switch /proximity detector repeater relay D1072 Q	G.M international	NOS	5
7	Relay interface (PI6-1P-230VAC/DC-10)	RelpolSA	NOS	10
8	ConneXium Ethernet GatewayTSXETG100	SCHNEIDER	NOS	2
9	Industrial Ethernet switch EKI-75261	Advantech	NOS	2
10	Converter Fema electronic, model: ISC - P - O Number278773/2004 ,power 230 VAC	Fema +electronica	NOS	2
11	Level transmitter ,Order FMR244-22VGGSKA2A or equivalent	Endress + hauser	NOS	2
12	Flow METER transmitter, WTR pro Q code 44-000	ITC	NOS	2
13	Flow METER ,Sensor PN :32536P0	G.F	NOS	4
14	Turbidity transmitter CUM 740 ,or equivalent	Endress + hauser	NOS	2
15	Sensor turbidity CUA 451-B2D,or equivalent	Endress + hauser	NOS	4
16	Conductivity transmitter,Liquiline M CM42-IGA000EA00,OR equivalent	Endress + hauser	NOS	2
17-	CONDICTIVITY ,Sensor CLS50-G1B2,or equivalent	Endress + hauser	NOS	4

18-	Flow METER((all cart spares part), Promag 50 (50WT2- HPHA1RA0BBAA) ,(PRODUCT&FEED)48"	Endress + hauser	NOS	2
19-	PH transmitter, Liquiline M CM42- MGA000EAE00 ,or equivalent	Endress + hauser	NOS	2
20-	Sensor memo PH, CPS11D-7BA2G,or equivalent	Endress + hauser	NOS	4
21-	Vibration transmitter , model SW6000-3021-550 , 4-20 mA	Metrix	NOS	3
22-	Flow METER (all cart spares part), Promag 50 (50W3H- HLHA1RA0BBAA) ,(MACK UP)12"	Endress + hauser	NOS	1
23-	Sitop PSU 100U Siemens,(120-230)V AC(6EP1332-5BA10)	Siemens	NOS	1
24-	CM 1241 (RS 485) 6ES7 241-1CH30-0XB0	Siemens	NOS	1
25-	CPU 1214C AC/DC/RLY 6ES7 214-1BE30-0XB0	Siemens	NOS	1
26-	Digital output SM 1222 RLY 6ES7 222-1HH30-0XB0	Siemens	NOS	1
27-	Digital output SM 1222 RLY 6ES7 222-1HF30-0XB0	Siemens	NOS	1
28-	Digital input SM 1221 DC 6ES7 221-1BH30-0XB0	Siemens	NOS	2
29-	Digital I/O SM 1223 DC/RLY 6ES7 223-1PH30-0XB0	Siemens	NOS	1
30-	SIMATIC HMI KTP1000 ,10.4" 6AV6 647-0AF11-3AX0	Siemens	NOS	1
31-	Flow METER,G.F Signet 2551 Display Magmeter	G.F	NOS	2

- 1- Ambient temperature :55 C°
- 2- IP for instrument Field device :68
- 3- the supplier should be provide the **certificate of origin** all items .
- 4- Calibration report : Included
- 5- Stander : Explosion Proof ,Class 1 , Div 1 , group C,D , NEMA 3, 35, 4, 4X, 6, 7P, 7, 9 .
- 6- Warranty : Included
- 7- ORIGIN: **west Europe ,uk , japan, USA.**