

Scope of supply - CHP container MTU20V4000L64FNER -2536kWe

Item	Circuit	Description	Included	Excluded
1	gas genset	natural gas MTU 20V4000L64FNER	✓	
2	gas genset	gas train	✓	
3	gas genset	complete electric starting system(battery, cables, starter, battery charger)	✓	
4	container	container for outdoor instalation 70dBA@10m	✓	
5	container	separate room for LV electrical cabinets	✓	
6	container	separate room for MV electrical cabinets 10.5kV	✓	
7	container	electrical heater inside container and LV electrical room	✓	
8	container	ligh and socket system inside container	✓	
9	container	leak detection sensor inside container for fluids	✓	
10	ventilation	complete suppply and exhaust ventilation system with grilles, baffles, filter, fans, damper, sensors	✓	
11	oil	complete single wall fresh oil tank 1000 liter inside container	✓	
12	oil	waste oil tank/system		✗
13	thermal	thermal recovery module from JW+oil+exhaust	✓	
14	thermal	thermal insulation of thermal recovery module from JW+oil+exhaust	✓	
15	electric	Supply+control+visualization cabinets	✓	
16	electric	MV cell 10.5kV	✓	
17	electric	MV cable from generator to MV cell	✓	
18	electric	air conditioning for LV room		✗
19	electric	ventilation of LV electrical room	✓	
20	electric	tocuh screen for visualization 12"	✓	
21	electric	syncronization and control of MV cell	✓	
22	intercooler	complete intercooler circuit including dry cooler	✓	
23	JW	emergency dry cooler mounted separated /next to the container	✓	
24	exhaust	catalyst reactor	✓	
25	exhaust	EGHE	✓	
26	exhaust	EGHE by pass		✗
27	exhaust	silencer	✓	
28	exhaust	stack 12m	✓	
29	exhaust	thermal insulation of exhaust system		✗
30	condense	condense pipe from EGHE ans silencer	✓	
31	condense	neutralization box inside container	✓	
32	meter	gas meter		✗
33	meter	thermal meter		✗
34	meter	electric meter		✗
35		overseas packing		✗
36		transport and loading		✗
37		assistance on site		✗
38		commisioning		✗
39		first fluid filling		✗
40		As build documentation	✓	