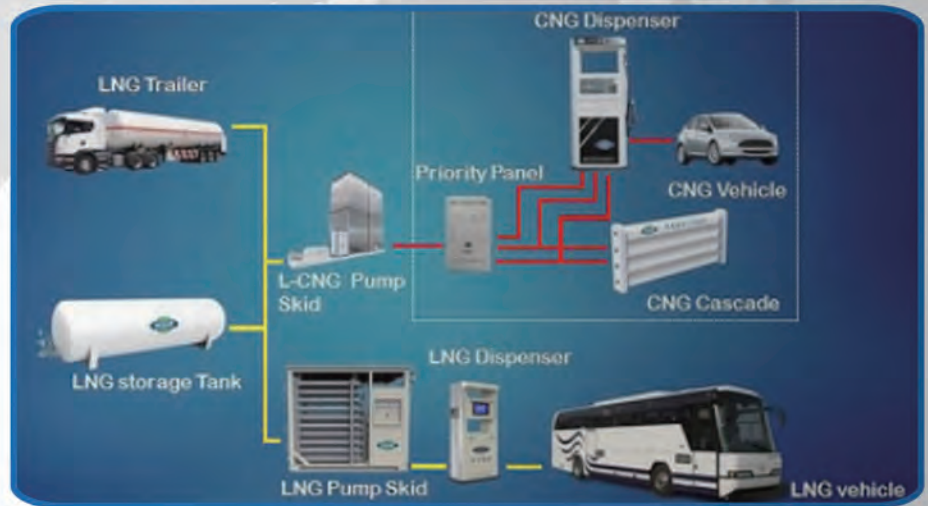


LNG-LCNG STATION



DESIGN CONCEPT:

Utilize advanced process, technology, equipment and materials, with safety as our first consideration.

Safe, environment friendly, energy saving and convenient

CONFIGURATION

This station integrates equipments of LNG and LCNG station to refuel LNG and CNG vehicles, is composed of cryogenic storage tank, cryogenic submerged pump, unloading pressure booster, storage tank pressure booster, EAG heater, high pressure vaporizer, high pressure storage cylinder, CNG dispenser, valve, piping, venting system, LNG dispenser and station control system and piping fitting etc.

MAIN EQUIPMENT



LNG PUMP

It is a skid mounted type that is to mount storage tank, pipeline, valves, submerged pump, pump sump and instrumental cabinet on a platform.

CNG SKID-MOUNTED PRESSURE REGULATING UNIT

CNG PRESSURE REGULATOR SKID IS A HIGH DIFFERENTIAL PRESSURE REGULATING DEVICE, FIRSTLY CONNECTING WITH CNG VEHICLES BY HIGH-PRESSURE RUBBER HOSE AND QUICKLY CONNECTOR. THE PRESSURE OF HEATED GAS WILL BE REGULATED TO 1.0 ~ 4.0MPA BY PRESSURE REGULATOR. THIRDLY, THE SECONDARY REGULATOR WILL REGULATE THE GAS PRESSURE TO USER'S REQUIREMENTS. CNG WILL BE MEASURED WHEN PASSING BY GAS FLOWMETER AND FINALLY BE INPUT TO MIDDLE PRESSURE PIPELINE .



TECHNICAL PARAMETER:

MODEL	SR-300-E	SR-500-E	SR-1000-E	SR-1500-W	SR-2000-W	SR-3000-W	SR-5000-W
FLOW RATE (NM ³ /H)	300	500	1000	1500	2000	3000	5000
STRUCTURE	ONE LINE OR TWO LINES						
INLET PRESSURE	25MPA						
1 ST STAGE OUTLET PRESSURE	1.0-4.0	1.0-4.0	2.0-4.0	2.0-4.0	2.0-4.0	3.0-5.0	3.0-5.0
2 ND STAGE OUTLET PRESSURE	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4	1.6-2.5	1.6-2.5	1.6-2.5
3 RD STAGE OUTLET PRESSURE	--	--	--	--	0.1-0.4	0.1-0.4	0.1-0.4
OUTLET PRESSURE	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4	0.1-0.4
HEAT EXCHANGE FORM	ELECTRICAL HEATING			WATER BOILER HEATING			