



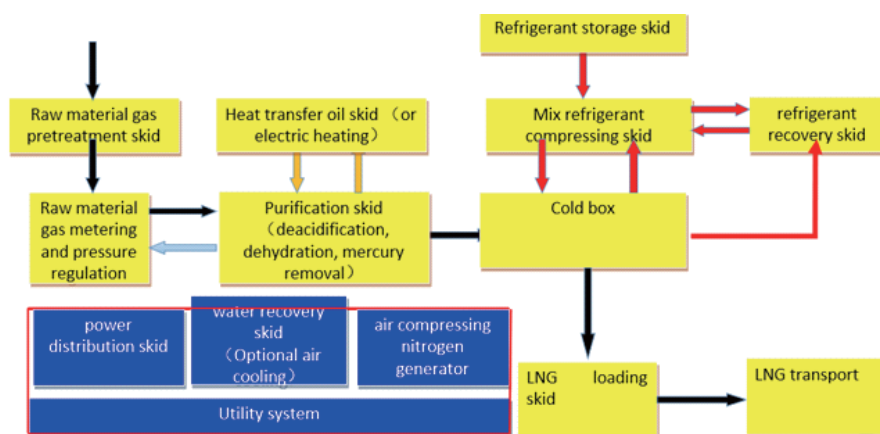
SinoCleansky
Gas Container & Solution

Mini LNG Liquefaction Plant (Bio-LNG Plant)



- 🏠 The proven solution for producing LNG on Mini-scale, more efficient and effective than ever;
- 🏠 Core technology and own complete process package of MRC for Mini LNG;
- 🏠 The whole plant is skid-mounted, easy to deploy and relocate;
- 🏠 We have the first and only test platform for Mini LNG, caters for all your demands on Mini LNG with dynamic tests.

Flow chart of Mini-LNG plant





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Specs of Gasooo demo Mini-LNG plant

Daily capacity : 50000Nm³/day

Raw material gas pressure regulate, and metering.

Design flow rate 2291.3Nm³/h ; Actual operation 2083Nm³/h ;

Inlet pressure 0.4MPa , outlet 4.1MPa .

Purification unit

Design flow rate 2083Nm³/h ; Actual operation 2046Nm³/h ;

Inlet pressure 4.03MPa , outlet 3.92MPa .

Cold box

Flow rate 2046Nm³/h ; Actual operation 2046Nm³/h ;

Inlet pressure 3.89 MPa , outlet 0.3MPa .

Output : Standard LNG -157°C

Technology : MRC



Raw material gas filtration, metering, pressure regulation Unit



Dehydration and mercury removal Unit

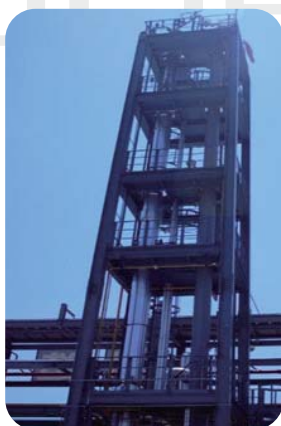


Mixed refrigerant compressor Unit

Major Unit of Mini-LNG plant (Skid-mounted, Modular design)



Cold box unit



Desulfurization Unit



Dust filter Unit



Recycling and reuse of refrigerant Unit