



The Petroleum Gas Purification Plant

The Petroleum Gas Purification Plant (PGPP) is designed to treat associated petroleum gas released during oil preparation for use as fuel in oil heating furnaces, for power plants, boiler houses and other consumer needs.



Characteristics

Working environment	associated petroleum gas
Gas capacity, thousand nm ³ /h	15; 25; 50; 100
Content of drop liquid in gas, mg/dm ³	
at the entrance - at the exit	up to 1000 up to 20
Design pressure, MPa	1,0; 1,6; 2,5
Operating environment temperature, 0C	from 0 to +80
Ambient temperature, 0C	-60 to +50

Technical details

The PGPP block includes a gas separator block, with piping, with a set of shut-off and safety valves, automation and instrumentation. All equipment is placed in a heated block-box equipped with fire alarm systems, gas alarm systems, ventilation, lighting or is made in the form of an open block on a base frame.

The unit is delivered in 100% factory readiness.

Designation	Purpose
A1	Gas inlet
B1	Gas outlet
V1	Condensate outlet
G1	Upper limit level
G2	Lower limit level

D1	Steaming
E1	Condensate outlet
Z1	Relief from a relief spring-loaded safety valve
I1-3	Sampler
K1	Pressure gauge
L1	Thermometer
M1	Pressure switch
N1	Air vent
P1	Inspection hatch

PGPP with a capacity of 15 thousand Nm³/h





