

Problem 14	Fuel gas drying
The essence of the problem	At the gas treatment section of the field, after amine gas purification, the gas is moisturized, which is used for fuel needs of compressor engines. Due to high moisture content in the mixture, engine parts (valves, cylinders) fail. Therefore, gas drying is required.
Technological parameters	Operation under conditions of about 1300 cubic meters per day. For internal fuel needs must be supplied dry gas with gas dew point parameters -10°C in summer and -20°C - in winter.
Scale of the problem	Due to gas humidity, compressor engines fail and the whole plant is shut down with a frequency of once every 2.5 months.