OP POWER

Bogotá: Carrera 13 A # 28 - 38. Of. 256 Medellín: Calle 16 AA Sur # 42 - 91. Of. 1013 Cartagena: Carrera 12 # 5 A - 09. Of. 2502

Colombia.

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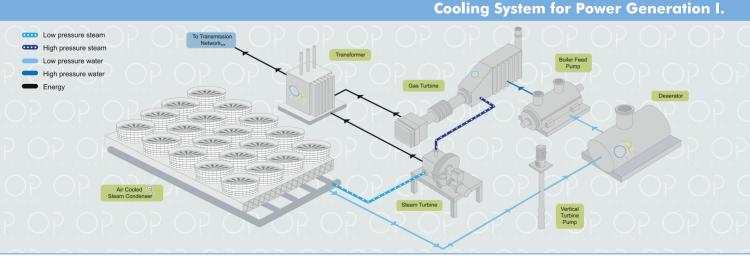
ENGINEERING, DESIGN AND SUPPLY OF INDUSTRIAL EQUIPMENT FOR THE OPTIMIZATION OF PROCESSES IN ENERGY, OIL AND GAS, AND INDUSTRIAL APPLICATIONS.

Engineering and Design of:

- O Storage Tank, Boiler, Heat Exchanger, and Pressure Vessel Systems.
- O Cooling and/or Heating Systems.
- O Flow Control and Regulation Systems.

- Water Management Systems.
- O Air and Gas Management Systems.
- Special Systems.

Storage Tanks System. Low pressure gas High pressure liquid Case High pressure liquid High pressure liquid High pressure liquid High pressure liquid Case High pressure liquid High pressure liquid High pressure liquid High pressure liquid Case High pressure liquid High pressure liq



Biogas Storage and Treatment System. Low presure gas High pressure gas Hot value Low Low Johnson Column Local value Local val

Systems and Technologies for the Management of Venting Gas.

RESOLUTION 40066 of 2022.

Beginning in February 2024, the Energy and Mines Ministery of Colombia will regulate the deliberate venting of natural gas to the atmosphere during the hydrocarbon exploration and production activities.

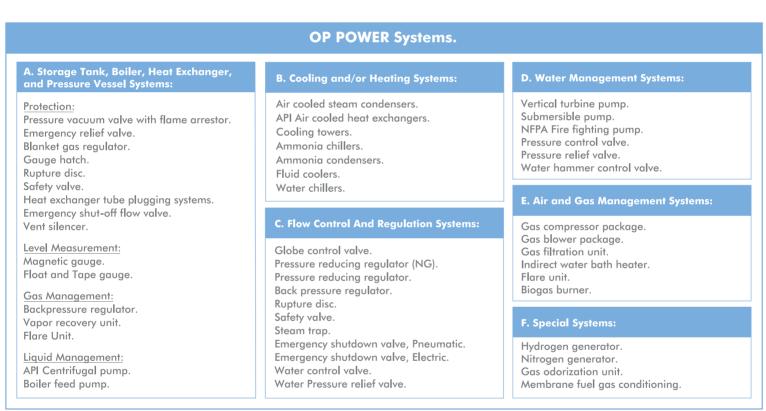


- 1) Storage Tank Protection with Pipeline Discharge.
 Pressure Vacuum relief valves with discharge flange to release gases piped away.
- ② Gas Natural Storage. Gas Storage through the use of double flexible membranes systems, that guarantee zero gases emissions and allow the visibility of produced gas.
- ③ Vapor Recovery Unit.
 Capture and compression of gases equipment from storage tanks emissions.
- 4) Gas Temperature Conditioning. Gases quality increase (Liquid Phase and Vapor Phase proportion) reducing the temperature and favoring the liquids condensation.
- (5) Treatment Gas Plants.

 System developed to remove sulfur (H2S),
 Carbon Dioxide (CO2), to increase quality
 standards required in the gas.
- (i) Membranes Gas Treatment.

 Technology to remove gas pollutants, through a separation process of selective membranes.
- Power Generation Unit.
 Electric power generation with the use of the venting gases from storage tanks.
- 3 Gas Efficient Burning. Gas Flares to the controlled, safe and efficient natural gas combustion, reducing the environmental impact of the exhausted gases.

Service Engineering OP POWER - ISOP. P Storage tank protection systems. P Water pump systems. Gas/Air compression systems. P Heat exchanger tube testing. P Steam traps. P Pipeline systems. P Pressure vacuum relief valves. Assessment of cooling and refrigeration technologies. Emergency relief valves. Valve automation. Gas blanketing and back pressure regulators. Cooling towers reconstruction and maintenance. Testing in test bench. Solutions for noise pollution P Heat exchanger tube plugging. problems. P Pressure tests.



OP POWER is exclusive Representative in Colombia of:































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