



Gascat Model 254 Low Differential Pressure Governor Adapted for



Extreme Biogas

Flexibility of design and manufacture leads to project solutions...

GASCAT is supplying the 254 Governor type regulator made totally in stainless steel ANSI 316L polished to operate with Biogas and Hydrogen and H₂S contaminants in high concentrations.

Pressure Regulators with low inlet pressure and low controlled pressures are called “Governors” (British name); the main characteristic is that they work with a very low differential pressure.

254 Governor Available in 2 to 8 inch ANSI 150 and PN16

254 stainless steel designed for Suez Water Technology

The operating conditions for this application are:

- Inlet pressure 0,15 bar or 150mbar
- Outlet pressure 30 mbar
- Process required flow was 1,284 Nm³/h

After tests at GASCAT test rigs the flow reached 2,654 Nm³/h with 5% pressure drop.

This Governor feeds a boiler system to aid in the production of Pectin from orange skins.