

DG8 - Centrifugal Compressors: Operation and maintenance, advanced design, wet and sour gas operation

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Topics Outline:

- Meeting current rotordynamics stability standards
- High flow coefficient/mach number impellers
- Low flow coefficients/high pressure impellers; Reynolds correction

Complicated high pressure gas properties. E.g., CO₂, acid gas, H₂S

- Testing of the equipment
- Modern manufacturing/forming methodologies
- Simulation and dynamic process modeling
- Handling of Chlorides in sour/acid gas applications, including piping; end-user strategies

Hermetically-sealed compression