DG5 - Dry Gas Seals: General (Installation, Operation, Troubleshooting, and Retrofitting), controls

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Suggested Topics for Dry Gas Seals Discussion group:
• DGS operating characteristics
• Unidirectional versus bidirectional
• Seals faces and seats, O rings materials
• Explosive decompression
• Primary seal gas supply control system
Primary seal failure detection
• Primary seal gas vent to flare control system
• Secondary seal failure detection
• Tertiary seal types, carbon rings versus labyrinth
• Buffer gas and associated control
• Separation gas, air or nitrogen and associated controls
• Tandem versus double seals application
• Field problems and experiences
• Challenges in Dry Gas Seal retrofits
• Operation and spares maintenance, shelf life and requalification.
• Dry Gas seals reliability and availability.
• Dew point monitoring and control
• Seal Gas Conditioning systems
• Seal Gas Boosters and Heaters
• API 614 – 5th Edition, current and advancements in Dry Gas seals & Systems