

Discussion Group T09 - Dry Gas Seals for Compressors

Leaders:

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- Bernard Quoix (TOTAL E&P)
- Leonardo Baldassarre (Baker Hughes, a GE Company)
- Joe Delrahim (John Crane)
- Emery Johnson (EagleBurgmann)
- Chris Auzenne (Flowserve)

Suggested Topics:

- 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