

A Discussion Group is a forum in which leaders and delegates participate together to share topical problems, solutions, and best practices. Suggested topics are suggestions only; actual topics discussed will be determined by each session's attendees.

Session: Discussion Group 7
Turbomachinery Operation and Maintenance
(Presented twice; again as Discussion Group 9)

Date: Tuesday, 17 February, 2015 0830 – 1000 hours

Leaders:

- William Forsthoffer (Forsthoffer & Associates)
- Michael Forsthoffer
- Hussain Al-Baloshi (Qatar Petroleum)
- Christopher Holt (Qatargas)

Topics:

- What is your Condition Monitoring Program comprised of?
- Ethylene plant CGC fouling and improvements to increase time between overhauls with actual experience
- Integration of continuous online performance monitoring for critical un-spared equipment
- Integration of continuous online performance monitoring for Bad Actor spared equipment
- Does your plant have a spare pump switchover policy? What is it?
- Recent experience with oil varnishing on bearings after oil change-out (to supposedly same oil)
- TTV exercising on HP or VHP steam turbines
- Accumulator pre-charge check frequencies
- Using external clean seal gas source for DGS when process gas contains dirty or condensable gases
- Pump bearing bracket oil change frequency
- Pump mechanical seal MTBF in low S.G. process fluid