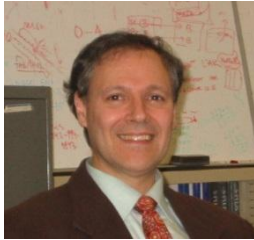


Murray Wiseman



Murray innovates in maintenance engineering, management, and consulting, with particular focus on using maintenance and operational data to achieve reliability. He developed the Living RCM (LRCM) process and software that extends initial RCM principles to the daily work order procedures. He founded and operated the world's first web expert-system based commercial oil analysis laboratory. As a principal consultant at PricewaterhouseCoopers' Centre of Excellence in Physical Asset Management he specialized in condition based maintenance optimization. Murray holds a B. Eng. Mech. degree from McGill University. He is a RCM practitioner trained by Aladon Inc in 2001. He leads projects in condition based maintenance optimization that achieve cost effective, safe increased equipment availability. He developed with Carbones de Cerrejon the groundbreaking Living RCM (LRCM) process designed to achieve reliability from data. He founded Optimal Maintenance Decisions (OMDEC) Inc. and LivingReliability Inc. a software and consulting companies dedicated to strategic reliability information and knowledge management.

Summary

- Condition based maintenance optimization (EXAKT), LRCM developer
- RCM and Living RCM
- Reliability analysis and CBM optimization

Experience

- 2015-2016 Union Gas – RCM Mentor. Entire plant analyzed thoroughly in record time at minimal cost.
- 2016 Mega Energy – RCM Course leader
- 2016 Winalco – RCM Course leader
- 2011-2016 Senior Consultant and Leader in the Implementation of LRCM methodology in Carbones del Cerrejón, Colombia.
- 2012- Suncor RCM mentor and facilitator in Suncor
- 2008 - Naval Engineering Test Establishment, Senior Engineer, Reliability and Supportability
- President LivingReliability Inc.
- 2001 - OMDEC Inc., Founder and Vice President Technology. Project manager for condition-based maintenance optimization, RCM, and maintenance knowledge management. Mining, Oil and Gas, Marine, Pharmaceutical, and Military consulting engagements
- Prior to 2000:
 - PricewaterhouseCoopers Principal Consultant in Maintenance and Reliability, (1997-2000)
 - Predictive Maintenance Corporation – Founder and VP Oil Analysis Vibration technical service, (1986-1997)
 - Molson Brewery – Maintenance Planner, Maintenance Superintendent (1980-1986)
 - Alcan Smelters – Maintenance Engineer (1976-1980)

Education

- B. Eng. MECH. McGill 1975

Publications

- *Maintenance Excellence: Optimizing Equipment Life-Cycle Decisions*, New York: Marcel Dekker, 2001, Contributing author,
- *The Reliability Handbook*, 2000 Editor
- *The Elusive P-F Interval*, IEEE, 2008
- Numerous articles and papers on, www.livingreliability.com/en
- Numerous papers and articles in maintenance and reliability
- Videos: www.livingreliability.com/en/posts/videos