

ALEXANDRE GUIMARÃES BOTELHO



BIRTH DATE: February, 19th. 1974
MARITAL STATUS: Married
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EDUCATION

2015-2017 MBA in Leadership and People Management, FGV (ongoing)
- Networking Emergence in MBA Classroom – Planned or Casual?

2009-2012 M.Sc. in Technology, CEFET-RJ
- Dependability Management: Analysis of an Oil Company

2009-2011 Specialization in Strategic Administration, UNESA (Interrupted)

2007-2009 Specialization in Quality Engineering, UGF
- Inspection frequency optimization of PSV valves using statistical failure data analysis

2006-2007 B. A. in Mechanical Engineering, UEA. (Interrupted)

2002-2003 Specialization in Inspection Engineering, Universidade PETROBRAS
- Integrating RBI and RCM – A Reliability Based Inspection Program

1995-2001 B.A. in Metallurgical Engineering, UFRJ
- Optimization of iron ore pelletizing process

1989-1993 Technical course in Mechanics, CEFET-RJ

PROFESSIONAL EXPERIENCE

2016+ Offshore Prosecutor at PETROBRAS, Brazil

2012-2016 Manager of Equipment Inspection at PETROBRAS, Brazil

2002-2012 Integrity and Reliability at PETROBRAS, Brazil

1998-1999 VALE. Two short training periods as process engineer.

1993 SOTREQ S/A. One year training period as mechanical technician.

CERTIFICATIONS

2011 Certified Reliability Engineer – ASQ (pending renewal)

2009 Certified Reliability Professional – Reliasoft CRP 15087

2005 SPIE (Equipment inspection own service system) auditor

LANGUAGE SKILLS

PORTUGUESE	Mother tongue
ENGLISH	Fluent conversation and writing
FRENCH	Good conversation and writing
SPANISH	Good conversation and basic writing
JAPANESE	Basic conversation and elementary writing
POLISH	Elementary

PAPERS AND PRESENTATIONS

2014	Topside Structures Best Practices Meeting Management of inspection recommendations in Rio de Janeiro Business unit (Presentation only, Portuguese)
2013	Asset Integrity Management Brazil Building a comprehensive asset maintenance plan (Presentation only, Portuguese)
2012	XVIII International Conference on Industrial Engineering and Operations Management (ICIEOM) A case study for the management of inspections in the oil industry (English)
2011	3º Fluminense Encounter of Production Engineering (ENFEPRO) Idem
2011	I Workshop on Reliability Engineering of E&P (PETROBRAS) A proposal for pipeline inspection organization. (Portuguese).
2011	II PETROBRAS Equipment Inspection Seminary (SIEQ) Idem
2011	9th International Applied Reliability Symposium (ARS) Integrated planning and reliability – The reorganization of oil pipeline inspection work process (Portuguese)
2010	II PETROBRAS Forum for Reliasoft Software Users B-122101 ABC system simulation and a proposal for the solution of pump Seal and filter recurrent failures (Portuguese)
2010	8th International Applied Reliability Symposium (ARS) - Brazil Integrated reliability study of a gas compressor unit in the Amazonas E&P business unit. (Portuguese)
2009	I PETROBRAS Equipment Inspection Seminary Inspection frequency optimization of PSV valves using statistical failure data analysis (Portuguese)
2008	PETROBRAS Reliability, inspection and maintenance congress (CIM) Corrosion life data analysis for oil production well piping (Portuguese)
2008	6th International Applied Reliability Symposium (ARS) - Brazil Valves operating with fabrication defects – Successes and mistakes in determining optimum substitution period (Portuguese)

RELEVANT SHORT TERM COURSES

2016	Petroleum Geopolitics
2015	PRAGMA Asset Management
2014	Learning to Listen
2014	Master Black Belt Six Sigma
2013	Organization Analysis
2013	Communication and feedback
2013	Contract management and fiscalization
2011	Black Belt Six Sigma
2011	Professional and Self Coaching
2010	APG Middle – AMANA KEY (Leadership Intensive)
2010	Process Management
2010	Business Management
2009	Leadership
2009	People Management
2008	Applied reliability engineering
2008	Green Belt Six Sigma
2008	System reliability
2008	Risk and probabilistic events analysis
2007	Failure mode and effect criticality analysis (FMECA)
2007	Fault analysis (FTA) and Reliability centered analysis (RCM)
2007	Maintenance planning and management
2007	Reliability centered maintenance (RCM) coordination
2007	Reliability engineering
2006	Applied fracture mechanics
2005	SPIE (Equipment inspection own service system) auditor training
2005	Deterioration causes and remaining life assessment
2005	Elastic-plastic fracture mechanics
2004	API-579 – Integrity Assessment

TEACHING EXPERIENCE

2017	Yellow Belt Six Sigma – 24h
2016	Static Equipment Legislation and Normalization – 8h
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2015	RCM and FMEA – Differences and Similarities – 8h
2015	Pressure Vessels and Heat Exchangers – 8h
2013	Failure Mode And Effect Analysis – 8h
2007	Notions of Integrity Analysis – 8h