

Eng. Hiyam Farhat
(Home Address) 5422 Grey dr.

Publications and Presentations

Instructor assistant/tutor **Wright State University, Cincinnati, Ohio, USA**
Assisted and tutored courses (AY, 2006) Statics, Failure Analysis, and Calculus (all levels)

Research Assistant **University of Toledo, Toledo, Ohio, USA**
Fiber reinforced polymers applications (AY, 2001)

INDUSTRIAL EXPERIENCE

(March 2009 -March 2019)

Ansaldo Energia- Gulf (AEG), Abu Dhabi, UAE

AEG is a state of the art turbine repair workshop within **Ansaldo Energia Group** and dedicated to the repair of GE F5, 6, 7 and 9, Siemens 94.2, Mitsubishi M701D and Alstom GT26.

Engineering and Quality Control Manager

Multi-disciplined team management in areas of Metrology, NDT, Metallurgy and repair technologies

Technical qualifications of GE (repairs and rotor overhauls), Siemens and Mitsubishi Turbine components repairs R&D of Alstom GT26 component repairs

Responsible for budget, schedule and resource planning for repair developments and Special processes technology investment

Achieving company-wide objectives and targets- currently developing the Repair Center of Excellence within the group

Performed as a Lead auditor as per ISO9001:2008 between 2012 and 2015

er (approved by HAAD) up to 2015

Technical Support to the tendering and procurement departments

Developing and delivering accurate automated reporting for all inspection processes

2016 Lead 7 Kaizen events responsible for optimization of inspection and repair hours (15-20% overall improvements in inspection and restoration activities).

2015/2016 Developed a program (**SKARP**: Specialized knowledge applied repair process) for the life extension evaluation of blades and other life limiting components.

2015 Correlation of creep and geometrical changes in shrouded blades contributed to improved accuracy in estimating remaining shroud life.

Overhauling of repair scopes and inspection quality plan toward improved efficiencies (blades and nozzles).

2013/2014 Cutting overall Cost of Quality achieved through implementation of in-house calibration program (in accordance with ISO 17025) rework reduction (7% per year) - inspection turnaround time (10% per year) - labor hours and error reduction in reporting and document control processes by implementation of robust databases and in house training.

2011/2012 Full implementation of Automated Business Management System to support the clean audit achieved in 2012.

(Aviation/Automotive; Jun 03- Aug 09)

Design Engineer

GE Evendale, Ohio, USA

Reporting to the CF6 & M&I Structures Section manager, my responsibilities included;

Review and substantiation of nonconforming CF6 and LM6000 engines structure hardware

Presenting technical data to internal and external customers

LM6000 marine engine hot section structures hardware including design modifications & service repair (issued over 25 new and improved designs).

Project leader of new product development including new & upgraded steam injection (up to 40k lbs/hr) gas engine

Design engineer of new hardware (Baffle) for the LM600 STIG compressor rear frame

Process Quality Engineer

Faurecia Exhaust Systems, Inc. Franklin, Ohio, USA

for the newly introduced Ford Edge

through the entire cycle of development including equipments buy o 227.21 T

