

Consultant Biography

Howard Cooper is a 26-year veteran consultant in maintenance and reliability engineering. He enjoys helping companies eliminate 50% - 92% of their unscheduled equipment downtime, usually in 30-60 days! He coined the phrase “Lean Maintenance for Lean Manufacturing” and in 2003 trademarked FISHing™ (Field Implemented Stress Hardening) for Six Sigma DMAIC, focused on increasing equipment reliability, uptime and availability with reduced overhead. In 2005, while helping GE Reliability Engineers, he introduced FISH™ (Functional Interface Stress Hardening) to fill a critical gap in the DFSS DFR; Fault Tree, FMEA, HALT/HASS, FEA, FMECA, PoF reliability engineering sequence. Mr. Cooper coaches manufacturers, design teams, hospitals, telecom, data centers, office complexes, oil companies and Lean SS centers to achieve increased uptime, resulting in “Lean Capable Equipment” and increased profits. His seminar: “*How To Eliminate Your Equipment Downtime in 30-60 Days*” is often rated as “most valued seminar of my career” by operations, engineering, and manufacturing managers.

Howard holds a Bachelors degree in Industrial Technology with dual minors in mathematics and electronics from SUU. He worked towards a Masters degree in Industrial & Technical Training at BYU. He served as Fabrication and Diffusion Supervisor for Signetics Semiconductor, as Chief Maintenance Engineer for John Deere Co. and then for Hughes/Baker EIMCO. He served as founder and CTO of SafeNetCorp.com and as Reliability Engineer for G.E. and General Dynamics doing DFSS Design for Reliability. He spent the last 26 years coaching through his Amemco maintenance and reliability consulting firm.

He has been a speaker, presenting papers at annual conventions for:

IMTBA (International Machine Tool Builders Association),
ASHE (American Society of Hospital Engineers),
ULPA (United Lightning Protection Association),
LPI (Lightning Protection Institute,
SME (Society of Manufacturing Engineers, and
Served 4 years as an honorary director of Electronics Magazine.

Mr. Cooper is author of various articles and papers published in:

- Measurements & Controls
- Production Engineering
- Plant Services
- Computer/Electronics Service News
- Medical Electronics
- SuperFactory
- American Machinist
- Tooling & Production
- Commline
- Control Magazine
- SME/CASA Annual Proceedings
- Oil & Gas Journal

A few of Mr. Cooper’s Past Clients include:

GE, Cummins Engine, National Semiconductor, FMC, The Trane Co, Rockwell, Intel, BF Goodrich, Honda, American Express, Hercules Aerospace, General Dynamics, Colt, Rexnord, HCA Hospitals, Caterpillar, Borg-Warner, Texas Instruments, NTN Bower, SW Bell, Pratt & Whitney Aircraft, Chubb Insurance, Snap-on, Helmerich & Payne IDC, Exxon-Mobil ...