

PETER R. THOM AND ASSOCIATES INC.
AUTOMOTIVE CONSULTING AND ENGINEERING
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FRANK L. MISZCZAK, ASSOCIATE

EXPERIENCE

- Peter R. Thom and Associates Inc., Accident Reconstruction and Failure Analysis, 2002 – Present.
- Fel-Pro Inc. / Federal Mogul Inc. (gasket manufacturer), 1982 –1998. Held numerous positions including new product development of head gaskets and combustion seals for high performance Cummins diesel engines and failure and analysis and reporting of Detroit Diesel engine component failures.
- Crusader Marine Engines, Chief Engineer and Quality Assurance Manager, 1979 – 1982. Responsible for the design, development, and production release of gasoline and diesel marine engines.
- Allis Chalmers Engine Division, 1965 – 1979. Extensive experience in failure analysis (visual/metallurgical) and reporting of diesel, gasoline, LPG, and natural gas engine component failures returned from the field for warranty claims.

EDUCATION

- Western Michigan University, B.S. Mechanical Engineering, 1967.

ACTIVITIES

- Society of Automotive Engineers.
- Guest Lecturer on internal combustion engines, Purdue University
- Author of several technical papers.
- Awarded patents:
 - #5454397 Reed Valve Assembly and Gas Compressor Incorporating Same.
 - #5119681 Test System for Performance Evaluation of Sealing Materials.
 - #4597583 Gasket Assembly for Sealing Covers to Automotive Engines.
 - #4544169 Manufactured Precompressed Gasket Assembly with Embedded Wire Ring & Locally Densified Sheet Member.

Frank L. Miszczak