



CONSULTING ENGINEERS

(Established 1961)

MAIN OFFICE & LABORATORY

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SCOPE SHEET

Daniel Pacheco, P. E.	President
Douglas R. Morita	VP - Engineering Services
Robert J. Stanis	Consulting Engineer
Marvin A. Salzenstein	Principal Consulting Engineer

We are Chicago area based engineers with the facilities and knowledge to provide you with the research, analysis, testing and consultation you need to address problems in the areas listed below. We are committed to providing you with a complete, objective and unbiased assessment of your problem.

ACCIDENT (SAFETY) INVESTIGATION

- Aerial Lifts
- Boiler and Heater Controls
- Carbon Monoxide Asphyxiation
- Construction Equipment
- Consumer Products and Appliances
- Farm and Industrial Vehicles
- Furnaces and Boilers
- Gaseous Fuels & Equipment
- Industrial and Process Equipment
- Mobile Homes and RV's
- On and Off-Road Vehicles
- Plastic Processing Equipment
- Powered Industrial Trucks
- Scalds and Burns
- Slips, Trips and Falls

FIRE & EXPLOSION CONSULTING

- Cause and Origin Determinations
- Examination and Testing
- Fire Codes & Building Standards
- Fire Scene Investigation
- Solvent / Chemical Storage and Use

MISCELLANEOUS/ CUSTOMIZED SERVICES

- Display Models, Charts and Graphics
- Experimental Stress Analysis
- Literature and Standards Searches

PRODUCT SAFETY CONSULTING

- Application of the Hierarchy of Safety
- CE Mark Consulting
- Control System Analysis
- Design and Material Analysis
- Determination of Applicable Standards
- Hazard and Risk Analysis
- Identification of Hazards and Risks
- Instruction Manual Assessment
- Machinery Directive Consulting
- Manufacturing Defects
- Product Development, Testing & Evaluation
- Technical File Review
- Warnings and Labeling Assessment

VEHICLE SAFETY CONSULTING

- Defect Analysis
- Hydraulic System Analysis
- System Failure Analysis
- Vehicle Safety Analysis

ZONING & COMMUNITY CONSULTING

- Industrial Zoning Studies
- Noise & Lighting Surveys
- Zoning Compliance Assessments
- Zoning Performance Standards