



RUDICK FORENSIC ENGINEERING

Building Consultants • since 1965

www.rudick-forensic.com 800.966.5392



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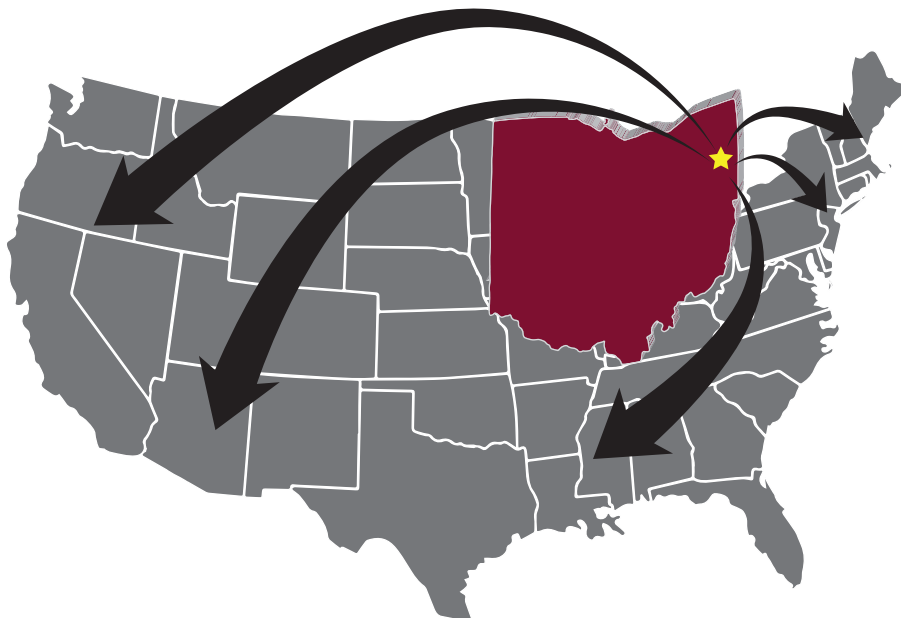
Results are only as credible as the credentials of the experts providing them. The credentials of Rudick Forensic Engineering (RFE) are solid and unsurpassed. RFE's approach to forensic engineering is to carefully reconstruct and analyze the event that resulted in damage. This has proven successful for clients from North America in the thousands of assignments of various types and sizes since RFE's founding in 1965. Client satisfaction derives from the following:

Rudick Forensic Engineering:

The One Source for Comprehensive Service

RFE is the single source for forensic engineering and forensic architecture services throughout North America.

- **RFE DETERMINES CAUSE**, by carefully reconstructing the events prior to the loss, allowing adjusters to determine policy coverage, and subrogation potential. The expertise of RFE's staff engineers and architects is complemented, when necessary, by selected outside specialists.
- **RFE SEPARATES UNRELATED DAMAGE** by clearly identifying damage caused by an event - such as fire or storm, versus damage caused by deterioration, neglect, design/construction deficiencies or other factors, thereby helping adjusters determine the extent of exposure.
- **RFE EVALUATES EXTENT OF DAMAGE**, including the safety of a structure or other property, and the economic and engineering feasibility of stabilizing, repairing, or replacing it.
- **RFE ESTIMATES COSTS TO REPAIR**, restore, or replace the damaged property, establishing a fair loss value. RFE uses industry recognized professional estimating systems.
- **RFE PROVIDES COMPLETE LITIGATION SUPPORT**, including technical expert witness service, and support for Alternative Dispute Resolution. RFE's engineers and architects are adept at reducing complex technical phenomena to simple explanations, helping jurors arrive at judgments based on facts they can understand. And, RFE engineers and architects help attorneys resolve disputes by clearly explaining cause and identifying related damage.



RFE’S EXPERTISE ENCOMPASSES THE FOLLOWING DISCIPLINES:

Civil Engineering	Electrical Engineering
Materials Engineering	Structural Engineering
Mechanical Engineering	Architecture

RFE’S EXPERIENCE COVERS A WIDE RANGE OF PROPERTY AND EQUIPMENT TYPES:

Architectural • Civil • Structural
The types of building related property damage we typically encounter include the following:

Architectural Structures	Apartment Buildings
Bridges	Condos
Churches/Assemblies	Education Buildings
Hotels/Motels	Houses
Industrial Buildings	Manufacturing Plants
Office Buildings	Parking Structures
Public Buildings	Religious Buildings
Restaurants	Retail/Shopping Centers
Retaining Walls	Roads
Site work	Swimming Pools
Warehouses	Medical/Health Care Buildings

Mechanical – Electrical
The types of mechanical and electrical damaged equipment or devices we typically encounter include the following:

Alarm Systems	Appliance Defects and Fires
Boilers	Carbon Monoxide
Consumer Products	Copper theft Evaluations
CSST	Electrical Equipment
Electrocution	Elevators
Escalators	Fiber Optics
Fire Suppression Systems	Freeze Breaks
Fuel Gas Piping	HVAC
Industrial Equipment	Lighting Systems
Lighting	Machinery
Mechanical Equipment	Moving Sidewalks
Pipe Breaks	Plumbing
Water Heaters Wiring	Vehicles

Mechanical – Electrical
The types of mechanical and electrical damage we typically encounter include the following:

Consumer Product Defects	Design Defects
Equipment Defects	Failure Analysis
Fire and Explosion	Material Defects
Power Surge	Replacement Cost
Estimates	

RFE’S EXPERIENCE INCLUDES NUMEROUS TYPES OF LOSSES

Agricultural • Civil • Structural

The types of building related damage we typically encounter include the following:

Blasting	Collapse
Collision	Construction Defects
Design Defects	Earth Failure Analysis
Fire	Flood
Hail	Ice
Lightning	Material Defects
Mine Subsidence	Moisture
Mold	Settlement
Snow	Trip and Fall
Vibration	Water Damage
Wind Damage	

ESTIMATES

RFE has the ability to take the assignment one step further. As a full service forensic engineering firm, RFE can provide detailed, accurate estimates utilizing industry accepted Xactware software.

- Repair scopes developed by registered professional engineers
- Combines experienced construction estimators with the industry leading software
 - RFE extends to clients estimating services unmatched
- Estimating services for all types of losses:

Residential	Commercial
Industrial	Manufacturing
Historical Structures	

FIRE INVESTIGATIONS

Fires leave a devastating toll in their wake but often leave little to explain why they happened. The complexity of the everyday items around us, coupled with the thermal and chemical dynamics of fire, require competent and experienced professionals to determine the cause and culpability of fire losses. RFE has years of experience, training and certification in:

- Appliance Fire Investigations
- Electrical Fire Investigations
- Mechanical Fire Investigations
- Vehicle Fire Investigations

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