



# CONSTRUCTION AND ENGINEERING SERVICES



Making sure you have the right expert  
by your side.

Our team of construction and engineering experts offers a huge diversity of knowledge covering all phases of residential, commercial, civil and industrial construction projects. With almost 1,000 court-qualified experts, we can provide you with the technical support you need, from conventional structural assessments to complex engineered structures, machinery or mechanical systems.

Our clients include all major international and domestic insurers, Lloyd's of London, the world's leading independent loss adjusters, specialist attorneys and real estate investors, managers and financiers.

When the need arises for an expert investigation, opinion or consult, contact us. We will analyze your needs and provide you with relevant curriculum vitae for consideration. We will arrange interviews with our experts, perform conflict checks, manage the administration and execution of the investigation, report and testimony.

A handwritten signature in black ink that reads "Janel Giarratano". The signature is written in a cursive, flowing style.

Janel Giarratano  
President



## OUR INVESTIGATIONS

Covering all aspects of property and machinery damage or failure:

- **Construction machinery** – heavy machinery, tunnel boring, earth moving, motorized vehicles, accident reconstruction
- **Construction materials** – damage or defect
- **Construction defects** – building envelope, design defects, roadways, stormwater drainage, geotechnical failures
- **Third party property damage** – vibration assessments and environmental assessments



## WHAT WE DO

When damage or failure occurs we perform thorough investigations of the machinery, structure or building system and opine as to cause, safety, new damage versus pre-existing, anticipated project delay, subrogation options and recommendations for repair.

Forte offers specialist forensic engineering, property condition assessment, catastrophe response and expert witness and litigation support services to the insurance claims, real estate, corporate finance and legal sectors.



## OUR EXPERTISE

- Accident reconstruction
- Civil engineering
- Electrical engineering
- Fire origin and cause
- Geotechnical engineering
- HVAC damage and failure
- Landscaping
- Materials and metallurgical
- Mechanical/machinery damage and failure
- OSHA compliance
- Property risk assessment
- Stormwater damage
- Structural damage and failure

## SOME EXAMPLES OF RECENT INVESTIGATIONS

- Tunnel boring Builder's Risk claim – USD700 million
- Landslide damage relating to highway bypass – USD20 million
- Construction defect relating to installation of street lighting – USD45 million
- OSHA compliance on the re-build of a chemical plant
- Flood-damaged steel construction materials assessed by metallurgist for integrity – USD4 million
- Construction defect, building envelope at a school – USD18 million
- Construction defect relating to pipe freeze inside a newly constructed theatre – USD500,000
- Wastewater treatment plant flood while under construction and involving structural, mechanical and electrical investigations



**Get in touch now  
to find out more  
about our services.**

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