



Jesh Solivio

Senior Associate

Department

Engineering Services

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Locations

San Diego, CA

Los Angeles, CA

Biography

Jesh specializes in applying nondestructive evaluation (NDE) techniques, specifically reflective and through-transmission ultrasonic testing and ground penetrating radar, to investigate concrete-related problems in structures. His experience includes investigations of historic buildings, bridge decks, bridge piers, parking garages, tunnels, prestressed and post-tensioned structures, slab-on-grade, and foundations. He also provides computer-aided design and computer modeling services for architectural and structural design and repair projects.

In addition, Jesh has performed condition assessments, structural testing, quality assurance inspections, and development of repair plans and specifications for numerous types of existing structures.

Representative Consulting Assignments

- Santa Rosa Water Reclamation Facility | Murrietta, CA | Nondestructive assessment of concrete walls and pilasters.
- Palo Verde Nuclear Power Plant | Palo Verde, AZ | Evaluation of concrete foundation walls of trickling filters.
- Con-Fab Precast | Lathrop, CA | Assessment of bulb T girders for I-405 expansion project.
- Sea-Tac Airport Service Tunnel | Seattle, WA | Nondestructive evaluation of shotcrete placement
- Student Success and Retention Center at Los Angeles Community College District, East Los Angeles Campus | Monterey Park, CA | Assessment of elevated slab using ultrasonic test methods.
- I-5 Tunnel | Los Angeles, CA | Assessment of fire damage to concrete tunnel.
- Long Beach Civic Center | Long Beach, CA | Assessment of shotcrete wall placement as part of quality control.
- Grain Silo Collapse | North Dakota | Investigation of collapse including sounding of concrete surfaces.

Professional Experience

- 2022 - Current | Senior Associate | YA Engineering Services
- 2020 - 2022 | Associate III | YA Engineering Services
- 2015 - 2019 | Principal | J&J Engineering and Testing Inc.
- 2004 - 2015 | Associate III | Wiss Janney Elstner Associates Inc.
- 2002 - 2004 | | Lee & Associates, Inc.
- 1991 - 2002 | | Edward Silver & Associates, Inc.

Area of Practice

- Damage Assessment
- Failure Analysis
- Litigation Support
- Non-Destructive Testing

- Repair and Rehabilitation Design

Education

- Cape Technikon - Associate of Science - Mechanical Engineering - Cape Town
 - Cape Technikon - Associate of Science - Mechanical Engineering - South Africa
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