



# HALLIWELL

## SAIF JASSAM, P.E.

ASSISTANT DIRECTOR, CIVIL/STRUCTURAL  
ENGINEERING SERVICES

LOS ANGELES, CA

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### SPECIALTIES

- Structural evaluations
- Fire
- Storm damage evaluations: snow, wind, hail, water
- Vehicle impact, tree impact
- Earthquake
- Construction vibration
- Foundation movement
- Building Envelope
- Roofing Systems

### BIOGRAPHY

Saif is a licensed professional engineer proficient in the assessment, analysis, and repair of existing and under construction structures damaged by natural and man-made events such as: snow, fire, wind, hurricane, hailstorm, earthquake, tree impact, vehicle impact, water intrusion, construction vibration, and foundation movement. He assists his clients with claims involving damage to interior and exterior architectural finishes (roofing, building envelope, flooring, ceiling) as well as non-building structures such as retaining walls, driveways, and general flatwork. Saif is proficient in assessing stainless steel wine storage tanks and assessed numerous stainless steel wine storage tanks in New Zealand after the 2016 Kaikoura Earthquake. His clients include insurance carriers, independent adjusters, attorneys, property owners, property management companies and HOAs, architects, and contractors.

### QUALIFICATIONS

B.S. Civil Engineering, Northeastern University

M.S. Structural Engineering, University of California San Diego

### INDUSTRY CERTIFICATIONS, LICENSES AND MEMBERSHIPS

- Licensed PE in CA, OR, WA, AZ, NV, ID, UT, CO, LA, FL
- OSHA 10-hour Construction Safety and Health
- Cal OES SAP Evaluator, ID# 87079
- Aerial Lift (Boom Lift/Scissor Lift) – Operator Safety Course
- Tau Beta Pi National Engineering Honor Society
- Chi Epsilon National Civil Engineering Honors Society

### PROFESSIONAL EXPERIENCE

- Halliwell, Assistant Director, Civil/Structural Engineering Services

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## SAIF JASSAM, P.E.

### ASSISTANT DIRECTOR, CIVIL/STRUCTURAL ENGINEERING SERVICES

- YA Engineering Services, Senior Project Manager
- J.S. Held LLC, Professional Engineer I
- Thornton Tomasetti, Engineer

#### REPRESENTATIVE ASSIGNMENTS

##### Fire Investigations

###### **Apartment Complex Fire Investigation | Los Angeles, CA**

Determined the extent of damage to the structural framing and the applicable code upgrades to a 51-unit apartment building within an eight-building apartment complex following a fire.

###### **Townhome Fire Investigation | North Hollywood, CA**

Determined the extent of damage to the structural wood framing of four townhomes following a fire.

###### **Office Building Fire Investigation | Tigard, OR**

Determined the extent of damage to the structural framing, fenestration, and applicable code upgrades to a two-story, 14,000 square-foot office building.

##### Water Intrusion Investigations

###### **Apartment Building Water Intrusion Investigation | Glendale, CA**

Determined the origins and causes of water intrusion through the building envelope including roofing into 16 units of an apartment building.

###### **Apartment Complex Water Intrusion Investigation | Los Angeles, CA**

Determined the origins and causes of water intrusion through the building envelope including roofing into 183-unit apartment building.

###### **Building Envelope Inspections – Extent of Hurricane Related Damage | Naples, Florida**

Hurricane Ian. Inspected various apartment buildings for water and wind damage to the building envelope.

###### **Apartment Complex Water Intrusion Investigation | Henderson, NV**

Determined the origins and causes of water intrusion, through building envelope including roofing, into 9 apartment buildings.

###### **Apartment Complex Water Intrusion Investigation | Los Angeles, CA**

Determined the origins and causes of water intrusion, through the building envelope including roofing, into multiple units within a 48-unit apartment building.

###### **Warehouse Complex Water Intrusion Investigation | San Francisco, CA**

Determined the cause of moisture discovered at the ceilings of seven warehouses.

###### **Office Building Water Intrusion Investigation | San Francisco, CA**

Determined the cause of water intrusion through the basement of an office building.

###### **High School Water Intrusion Investigation | Eugene, OR**

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## SAIF JASSAM, P.E.

### ASSISTANT DIRECTOR, CIVIL/STRUCTURAL ENGINEERING SERVICES

Determined the origins and causes of water intrusion, through the roof, into multiple areas within a high school offering 120,000 square feet of occupiable space.

#### **Structural Defect/Collapse/Uplift Investigations**

##### **Post-Tensioned Concrete Medical Office Building Structural Deficiencies Investigation | Las Vegas, NV**

Investigated the origin and cause of reported flexural cracks, shear cracks, and excessive deflections to the post-tensioned floor slabs of the seven-story building.

##### **Soil-Nail Temporary Retaining Wall Collapse | Simi Valley, CA**

Determined origin and cause of soil-nail temporary retaining wall collapse.

##### **Residence Partial Collapse Investigation | Blue Jay, CA**

Investigated the cause(s) of collapse and determined the extent of reported damage to the residence and deck following a snowstorm.

##### **Industrial Copper Slag Silos Collapse | Harvey, LA**

Hurricane Ida. Investigated the origin and cause of the collapse of five copper slag silos and opined whether collapse was related to hurricane.

##### **Reinforced Concrete Wastewater Treatment Plant | San Francisco, CA**

Determined the causes of cracking developed at the bottom cones of five tanks that are 95 feet deep and 63.5 feet in diameter.

##### **Warehouse Roof Uplift Investigation | Tucson, AZ**

Determined the causes of the warehouse's roof uplift.

#### **Earthquake**

##### **Stainless Steel Wine Storage Tanks | Blenheim, New Zealand**

Determined extent of damage to hundreds of stainless-steel wine storage tanks at several wineries in South Island of New Zealand following the 2016 Kaikoura Earthquake.