



Knowledge | Experience | Solutions

## BUILDING EXTERIOR SOLUTIONS

A Terracon COMPANY

### EXPERIENCE

Mr. Gauthe joined BES in 2012 with approximately six years of experience in the entertainment production industry. Mr. Gauthe serves as field operations manager for complex building envelope projects involving assessment, repair, and new design/construction. He has utilized and developed both invasive and non-destructive observation and test methods, specialized surveying and materials/component testing, and mastered difficult access including rope and wire rope systems. With his knowledge and skills, he now performs architectural testing, field observations, and evaluations for BES' Houston, Central Texas and Dallas offices, as well as for the south central region of Terracon. Initially in his career, Mr. Gauthe supervised and installed speaker arrays, computerized lights, pyrotechnics, and large LED video screen systems throughout Texas including the 70 tons of equipment for the Houston Live Stock and Rodeo hung from the NRG stadium roof.

### REPRESENTATIVE PROJECTS

#### Repair and Re-Roof Design

- Memorial Hermann Hospital Medical District: Building roof evaluation, reroof design, Houston, Texas

#### Construction Projects

- Air Liquide: Collapsed building salvage assessment, La Porte, Texas
- Memorial Hermann Health System: Air infiltration and water penetration testing for the Houston, Cypress, Sugarland, Pearland, and Katy, Texas campuses
- Lamar Tower: Ground survey, below-grade waterproofing and repair assessment, Houston, Texas
- Verizon Wireless: Visual construction observation of new roof installation, Coppell, Texas
- City Center Place: Fluid-applied air barrier adhesion pull testing, Houston, Texas

#### Difficult Access

- Rise Lofts: Rope access of 10-story brick cladding observations for an evaluation, Houston, Texas

#### Non-Destructive Testing

- Gabon Conference Center: Concrete paver roof water cascade testing, Gabon, Africa
- Fairmont Hotel: Large volume 12' x 20' spray rack water test of new construction, Austin, Texas
- Fox Sports: Negative pressure roof uplift test of modified bitumen roof, The Woodlands, Texas
- West Memorial: Roof davit base and tie back anchor testing, Houston, Texas

#### Windows and Curtainwalls

- Hyatt Regency Hotel: Zipper gasket system evaluation, Dallas, Texas
- West Memorial Phase 1 and Phase 2: Unitized granite stone curtain wall observations, testing and repairs, Houston, Texas
- M5250 Condo: Aluminum curtainwall diagnostic testing, Houston, Texas
- Franks International: Structural glass curtainwall water penetration testing, Lafayette, Louisiana

## ALEX GAUTHE

Engineering Technician IV



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713-581-3850

### EDUCATION

Construction Document  
Technologist CDT (CSI)

Society of Professional Rope  
Access Technicians (SPRAT)  
Level 2

Houston Area Safety Council  
(HASC)

OSHA 30hr

### EXPERIENCE

Senior Field Specialist  
(Associate) 2013-2016  
Building Exterior Solutions,  
Houston, Texas

### PRACTICE AREAS

Building Envelope Assessment  
Field Inspection  
Construction Observation  
Repair and Rehabilitation  
Design  
Glass Glazing  
Roofing and Waterproofing  
Industrial Rope Access  
Rescue Operations  
Diagnostics  
Custom Equipment  
Heavy Machinery  
Safety coordinator

### PROFESSIONAL AFFILIATIONS

Society of Professional Rope  
Access Technicians (SPRAT)

Construction Specifications  
Institute (CSI) – Houston  
Chapter

Roof Consultants Institute  
(RCI)

Equipment Specification  
Committee voting member  
(SPRAT)