

ENGINEERING DESIGN SERVICES + TESTED FRP MATERIALS + CONSTRUCTION =
PROJECTS DONE THE RIGHT WAY



QuakeWrap's team of structural engineers specialize in using composite materials in the construction industry. Our history in the FRP industry, combined with structural engineering knowledge and actual field experience, gives us a level of project insight that very few firms can match. Our expertise includes the structural design and retrofitting of the following:

- Beams & Columns
- Blast Protection
- Bridge Pilings
- Chimneys & Smokestacks
- Cooling Towers
- Culverts
- Force Protection
- Foundations
- Historic Preservation
- Manholes/Access Points
- New Pipeline Construction
- Pipe Repair
- Seawalls & Sheet Piles
- Seismic Retrofit
- Silos
- Slabs
- Submerged Piles
- Tanks
- Utility Tunnels, Poles, & Vaults
- Walls



ENGINEERING

FOR DESIGN, RESTORATION, RETROFIT & MORE

Our structural engineering and design division specializes in new structure designs and economical retrofit solutions. Restoring severely corroded structures, engineering new design options, correcting construction errors, and increasing existing load capacity are just some of the solutions we provide when traditional structural design methods will not solve your problems.



INTERNATIONAL EXPANSION

QuakeWrap, Inc. is one of the fastest growing businesses with annual growth of more than 100% in each of the last 3 years. QuakeWrap, Inc. has offices in the U.S., Australia & Puerto Rico.

20+

U.S. ISSUED PATENTS

We hold patents on the leading FRP technologies for repairing and reinforcing piles, columns, pipes and more, including the Stifpipe and Infnitpipe products.

OVER 100

ARTICLES & AWARDS

Including the 2016 Innovation Award from the American Society of Civil Engineers for the world's first green, sustainable pipe design.

QuakeWrap Engineering Services

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VISIT OUR YOUTUBE CHANNEL TO LEARN MORE ABOUT QUAKEWRAP ENGINEERING AT www.YouTube.com/QuakeWrapInc



Specializing in rapid repair services with limited service interruption, even during emergency shutdown



“A SMALL BUSINESS THAT HAS GROWN BY BEING A LEADER IN STATE-OF-THE-ART TECHNOLOGY AND BY EMBRACING EXPORTING AS KEY TO ITS GROWTH STRATEGY.”

— U.S. CONGRESSIONAL RECORDS
2014 INDUCTION OF QUAKEWRAP



QUAKEWRAP ENGINEERS PERFORMING NON-DESTRUCTIVE EVALUATION OF A POWER PLANT COOLING TOWER

WE ARE ENGINEERS THAT SPECIALIZE IN STRUCTURAL **EVALUATION & RESTORATION**

QuakeWrap products have a solid record of over 20 years of repairing and restoring severely corroded structures. These retrofits can increase load capacity when traditional design methods and construction are unattainable or achievable.

QuakeWrap engineers provide structural health monitoring services and evaluate deterioration of structures. QuakeWrap evaluates the current capacity of original construction and designs specific solutions based on applied forces. QuakeWrap engineers specialize in economical retrofit solutions.

ENGINEERING SERVICES AVAILABLE

- Structural health inspections
- Current capacity evaluations
- Finite element 3-D modeling and analysis
- Construction documentation development
- Shop drawing reviews
- Feasibility studies
- Permit acquisition
- Structural damage assessments
- Quantity take-off estimates
- Structural dynamic analysis

“Seismically upgrading and structurally improving a building listed on the National Historic Record without impacting its appearance was a tall order and without your critical work would have been virtually impossible.”

— Don C. Webb, Project Manager

Natural History Museum of Los Angeles County/Cordell Corporation
Los Angeles, California



WHY WE'RE THE BEST

1 Experience

Professional engineering assessments from the industry leaders in FRP rehabilitation.

2 Training

QuakeWrap Engineering Services offers customized training for standard structural repairs.

3 Safety

Certified safety coordinators on staff at QuakeWrap ensure projects meet or exceed regulations.