

Team Industrial Services

Concrete Repair Services (CRS)



A spalled floor being injected with epoxy prior to repair.

A leaking concrete tank (above) can create problems for a facility.

Team utilizes state-of-the-art materials, repair methods, tools and trained technicians to repair and restore your concrete structures; making them as good as – and often better than – new.

History

- Established in 1985
- Available through all Team service centers

Repair services available

- Urethane crack injection
- Epoxy injection
- Expansion joints
- Coatings/toppings
- Spall repair
- Pump base repairs
- Secondary containments

Urethane crack injection

- Seals cracks, leaks
- Team's CR-5A hydrophobic sealant utilized onsite
 - Excellent bonding, wet-dry stability
 - Good for cold weather applications
 - Provides multiple seals
- Cold joints/construction joints can be converted into water-tight working expansion joints

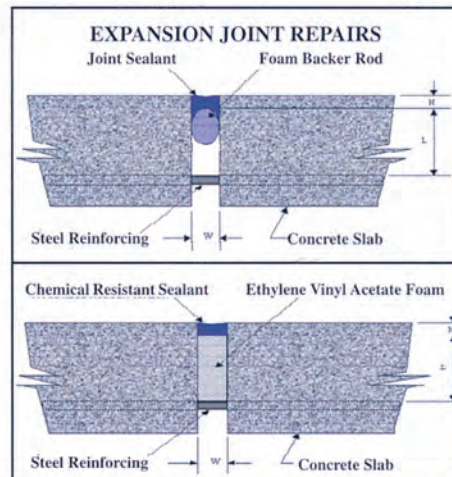
Epoxy injection

- Utilized for structural as well as nonstructural repairs

- Ideal for water seepage, control
- Environmentally friendly
- Temperature range: 32°F - 500°F
- Can be machine or hand injected

Expansion joint repairs

- Types of joints repaired
 - Architectural joints
 - Chemical resistant, pressure-containing joints
- Types of sealants used
 - Chemical resistant
 - Special formulations for joint applications
- Provides joint protection against:
 - Water damage
 - Environmental containment
 - Thermally induced joint movements
 - Freeze heave



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Deteriorating concrete structures can cause environmental as well as waste and disposal problems, increase shutdown or replacement costs, and create a safety hazard for employees.



A Team technician (above) cleans an EVA expansion joint prior to repair. Below, Team technicians complete repairs on the same expansion joint.



Concrete coatings, toppings

- Provides surface protection against chemicals, hazardous substances
 - Acids
 - Alcohols
 - Industrial solvents/chemicals
- Resistant, nonskid surfaces add safety factors for
 - Walking
 - Forklift traffic
 - Truck, vehicle traffic
- Site assessment, recommendation services available
- Various surface, topping colors available

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Cracked and spalled tank base



Same tank base repaired and strengthened



Deteriorated pedestal for main support beam



Same pedestal restored and strengthened

Spall repairs

- Type of spalls repaired
 - Overhead
 - Vertical surface
 - Walls
 - Floors
- Site assessment, service provided
 - Repair procedure, materials are recommended
- Customer engineer is consulted for structural and critical repairs

Pump base, pedestal repairs

- Cost effective
- Types of repairs available
 - Structural repair
 - Structural upgrade
- Coatings available for added protection
 - Against corrosive atmospheres
 - Against chemicals



A deteriorated pump base



Spalled, cracked pedestal (left) is fully restored (right).



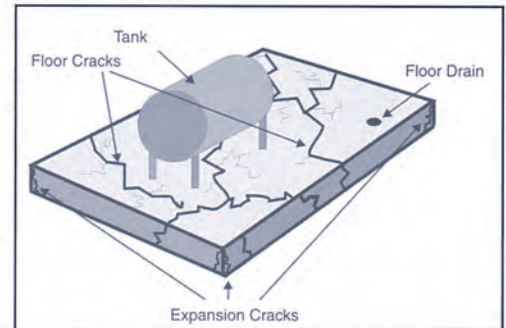
Same pump base repaired



Badly spalled floor area being prepared with a high strength repair material.

Concrete Repair Services (CRS)

Restore and strengthen deteriorating concrete structures with Team's state-of-the-art repair methods and materials.



Secondary containment repairs

- Required by federal, state and local regulation
- Prevents release of hazardous, toxic substances; reduces liability
- Saves plants regulatory reporting requirements
- Specialized repairs available
 - For existing concrete
 - To replace, install new chemical-resistant expansion joints
 - To plug or reroute drains
 - Coat containment with materials resistant to tank contents, service
- Crack repair applications
 - Floors
 - Drains
 - Walls

For Immediate Information Contact:

TEAM Industrial Services
 200 Hermann Dr., Alvin, TX 77511
 Phone: 281-331-6154 Fax: 281-331-4107