



BILL SPITZER & ASSOCIATES

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<http://www.billspitzerassoc.com/>



Wet Setting Epoxy Grout Service

Location: Karnes City, TX

Date: Summer 2017

Product: Chockfast® Red

Size: 80 units or 128ft³

Total Install Time: 4 hours

Total Grouting Time: 1 hour

Low Ambient: 68°F

High Ambient: 100°F

Max Wind Speed: 24 mph

Avg Dew Point: 68°F



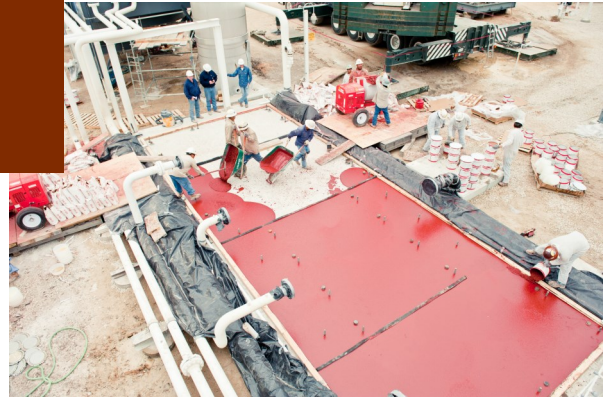
Client: This publicly traded company explores, develops, produces, and markets crude oil, natural gas, and natural gas liquids with its subsidiaries. Their production comes from USA, Caribbean, Asia, and Canada.

Wet Setting Service: With this unique manner in epoxy grouting equipment, the use of experts and long pot-life grouts are necessary. Scheduling, grouting comprehension, and project management are the key elements to execute a successful wet set project. This procedure requires an epoxy grout with at least a 120-minute pot life at 70°F and highly capable project managers like Bill Spitzer & Associates. With this method of equipment grouting, the skid is initially leveled, then a crane lifts the machinery away, then epoxy grout is strategically poured in an open form, then the crane places the skid back on the epoxy grout, and leveled to desired points.





BSA was contacted well in advance to provide solutions before the project began



Before:

- Collaborate with construction group & owners on installation plan procedure
 - * Epoxy grout options
 - * Site obstacles
 - * Critical equipment review
 - * Foundation topics
 - * Situational weather condition tactics
 - * Other nuance variables

- Review API 686, ACI 351, & PIP STS03601 checklists
- Visit site
 - * Examine perimeter, construction prep, & foundation formwork
 - * Advise proper expansion joint locations
- Calculate epoxy grout volume
- Estimate needed manpower

- Arrange all key players & schedules for project date
- Offer forgotten products



During:

- Pre-grout meeting
 - * Review scope procedures
 - * Assess manpower, jobsite, & grout materials
 - * Identify any obstacles
 - * Answer questions
- Inspect foundation, bolting, & formwork

- Prevent starting work, if an issue was identified
- Instruction of proper epoxy grout mixing, placing, and pouring
- Guide project sequencing
- Confirm full epoxy grout contact with beam, skid, baseplate, or equipment
- Educate proper clean up & disposal methods



After:

- Credited client unopened units
- Offered lubrication and oil mist system preventative maintenance plans
- Provided required documentation, technical data sheets, competed checklists, and safety data sheets
- Reported theoretical cure and torquing times

Bill Spitzer & Associates can guide wet setting of the lube oil or other large skids in about 1 hour, rather than 4 to 5 hours traditionally.



Solutions: Bill Spitzer & Associates (BSA) spearheaded the epoxy grout wet setting procedure before, during, and after the project. The complete ser-

vice is something truly uncommon from the differentiated attributes of BSA and our field matter experts. Additionally, BSA equipped the project with

expansion joints, paste wax, anchor bolts, leveling pads, sealants, and IXT-59 solvent. The uniquely specialized concepts of epoxy grouting can be achieved with BSA specialized expertise. Also, we foster engineers, owners, and contractors to become more profitable, timely, and productive. We employ a client first model.



BILL SPITZER & ASSOCIATES

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OTHER WAREHOUSES / BRANCHES

Baton Rouge, LA (225) 456-0605

Beaumont, TX (409) 351-2106

Corpus Christi, TX (361) 944-9926

Dallas, TX (281) 409-6845

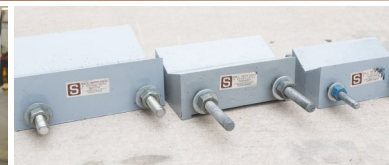
Odessa, TX (817) 456-7417



We exist to take care of customers

<http://www.billspitzerassoc.com/>

CORE PRODUCT PARTNERS:



Our Story

Bill Spitzer and Associates, Inc. (BSA) was founded in 1978 by Bill Spitzer, Shirley Spitzer, and Jim Mosebrook with a primary focus on servicing reciprocating compression equipment used in the pipeline, oil and gas, petrochemical, and refining markets. Lincoln Lubrication Systems, ITW foundation products (Previously Philadelphia Resins), and Spitzer Enterprises air filtration systems were the primary product lines. The addition of Alemite Oil Mist systems, Superbolt technologies, specialty ready mix concrete designs, industrial coatings, and anchor

bolt products created opportunities to expand into a wider variety of new markets: food and beverage, heavy and light manufacturing, construction, over the road equipment, liquified natural gas (LNG), oil well servicing equipment, pulp and paper, power generation, railways, and many more. We continue to support these markets with an evolving portfolio of products and services.

*We proudly serve NM, TX,
LA, MS, AL, GA, SC, & FL*

Currently, BSA still employs a small business mindset that started back in 1978; however, BSA has methodically grown and integrated competitive advantages, differentiation, modernization, and technological advancements. Connor Spitzer, 3rd generation, commenced his leadership in 2014 to merge an "old school" mentality with an improved focus on continuous process improvement and strategic planning methods. All of these adaptations are performed with one goal in mind, ensuring customers receive the best possible service and support found everyday.