



INTEGRATED SPECIALTY SERVICES

OUR MISSION

Founded in 2007 as Refractory Construction Services Co., LLC with singular focus on providing refractory repair and installation services, RCS has evolved into a premier provider of integrated project solutions. By adding specialty welding/mechanical expertise and expanding our soft craft offerings to include scaffolding and insulation/abatement, RCS has become a multi-tool option for turn-key project needs.

RCS is focused on delivering our clients superior project results, accomplished through professional project planning, execution, and monitoring. We operate with the understanding that a well-developed plan is crucial to successful project execution. RCS also considers immediate, efficiently coordinated responses to unplanned/emergency work to be equally important. With an established a safety culture wherein safe work practices are kept at the forefront of our employees' mindset. By investing in each and every employee through indoctrination, "In House" Craft training, and incentivizing, we have built a work force that is empowered to take responsibility for themselves, their fellow workers, our clients, and the environment in which they work.

RCS has assembled a management team consisting of experienced project managers and supervisors, all carrying industry certifications. We have safely and successfully executed numerous large turnaround projects on a wide array of industrial equipment, while adhering to committed budgets and durations.

Building on a solid foundation of proven project methodologies, combined with a perpetual drive for excellence, RCS is committed to continue safely executing turn-key solutions through value driven, integrated specialty services that set the benchmark for customer expectations.

We look forward to becoming your preferred industrial contractor, and we thank you for placing your confidence in us.





SAFETY

At RCS, “goal zero” is not just a slogan. It’s the foundation of a safety culture that empowers all of our employees to be accountable for the actions of themselves and those around them. This environment has created a workforce that has been recognized numerous times as one of the safest in the industry.

- Recognized by ISTC for 3 years without a recordable injury
- Recipient of many Contractor Safety Awards
- Over 4.5 million man hours worked without a lost time accident.

QUALITY

Our commitment to quality extends throughout our corporate management to every member of our project execution teams. As part of our efforts, RCS Supervision carry API 936, NACE, CWI, and NCCER certifications, among others. Our experienced project staff and following of highly skilled craftsmen are dedicated to providing specialized services in a most certain and consistent manner that has set the benchmark for customer expectations.

TURN-KEY FIRED EQUIPMENT SERVICES

RCS offers our clients true turn-key solutions for all their fired equipment needs. Whether your scope of work calls for refractory repair, burner replacement, a complete retube, or anything in between, RCS has you covered. By seamlessly integrating our services, RCS provides blind to blind coverage for all of your heater, boiler, and furnace needs.

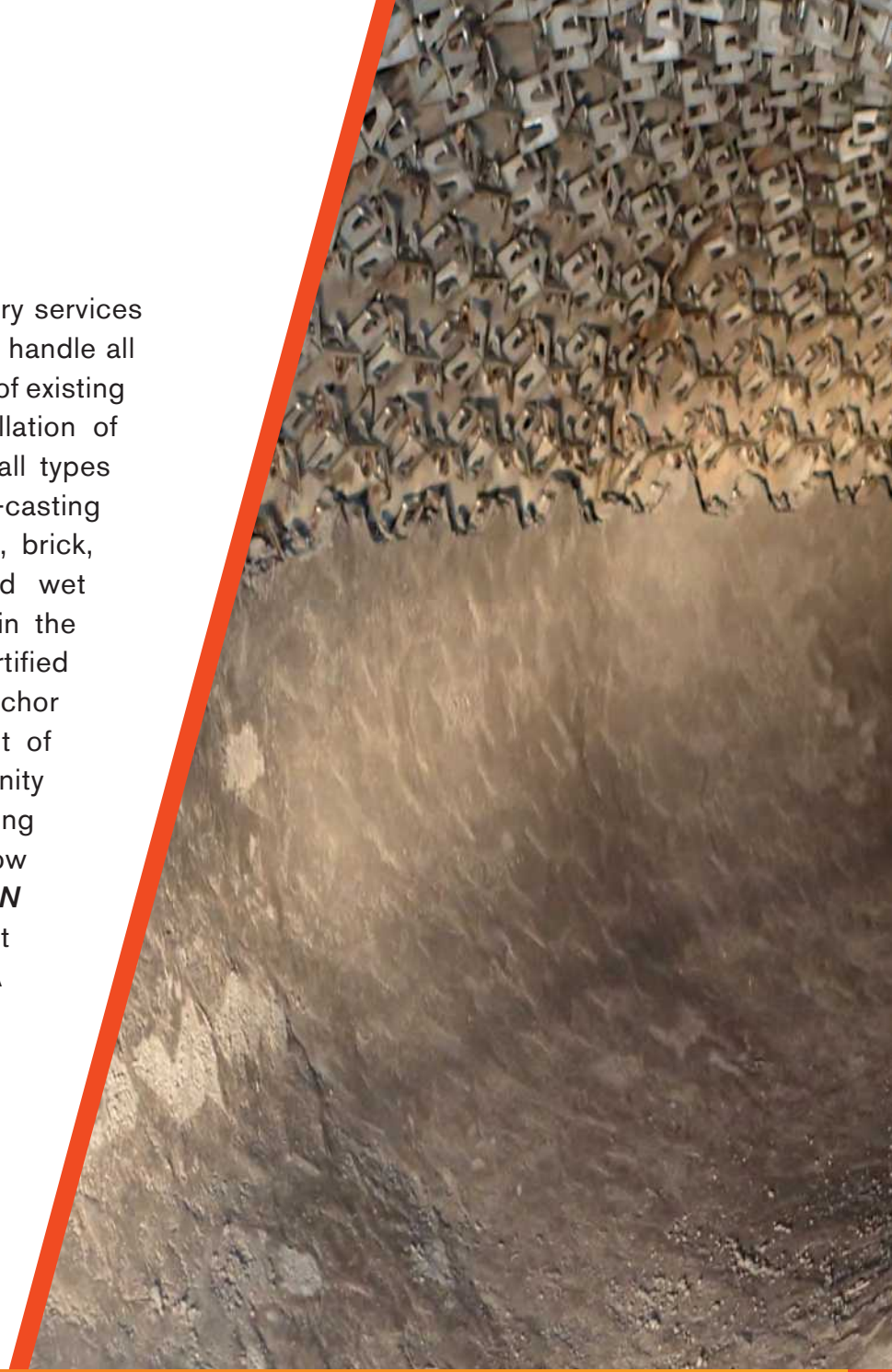
- Refractory
- Specialty Welding and Specialty Mechanical
- Access Solutions
- Insulation / Abatement





REFRACTORY

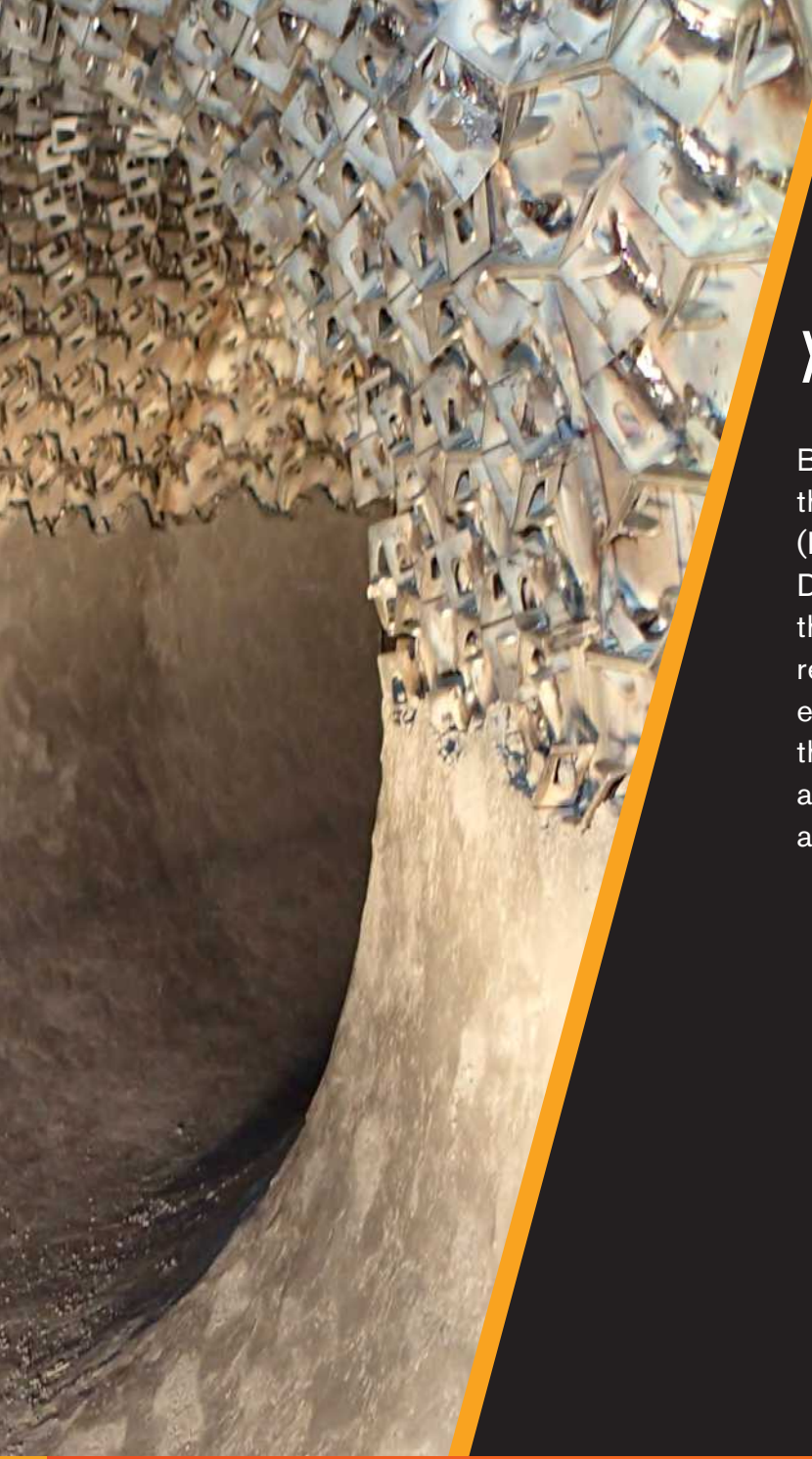
RCS offers a full spectrum of refractory services and our API Certified Supervision can handle all your refractory needs, from demolition of existing linings, surface preparation, to installation of new refractory. Our experience with all types of refractory, including In Situ vibra-casting of large pieces of equipment, gunite, brick, pump/cast, pneumatic ramming, and wet gunning (shotcrete), is unparalleled in the industry. RCS employs their own certified welders for stick and stud welded anchor installations. In being at the forefront of our industry, RCS recognized opportunity to enhance our performance by investing in technology. We are pleased to now offer our suite of **RAPID SOLUTION SYSTEMS** that afford RCS significant opportunities to improve our T/A efforts.



D - BAR

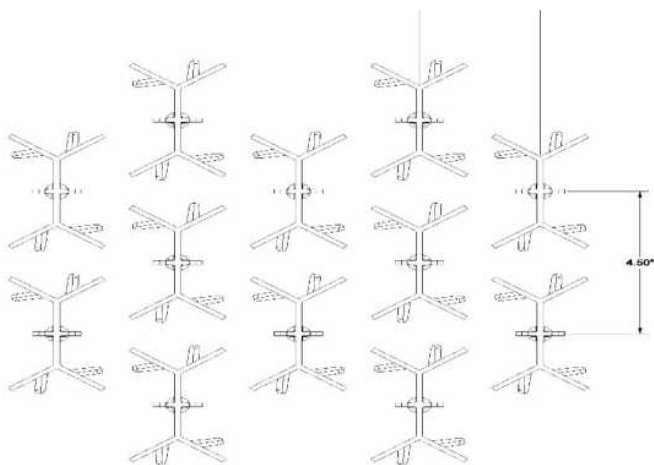
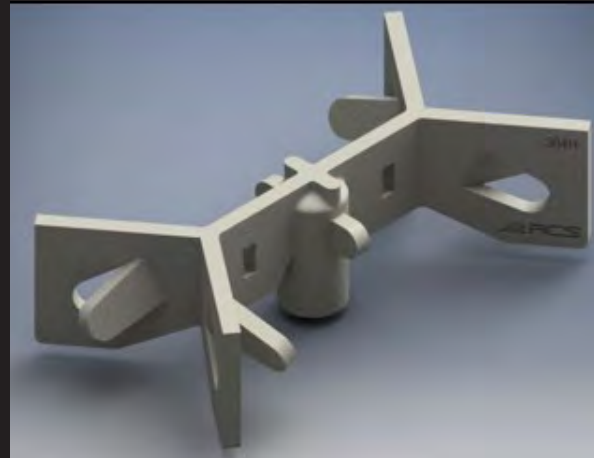
Because of the independent nature, there is no need to fit and re-fit existing Hex material leading to quicker repair rates and offer variable layout patterns to best suit the anchoring requirements. The D-Bar utilizes three attachment points, which provide a superior attachment than traditional two legged anchoring systems.



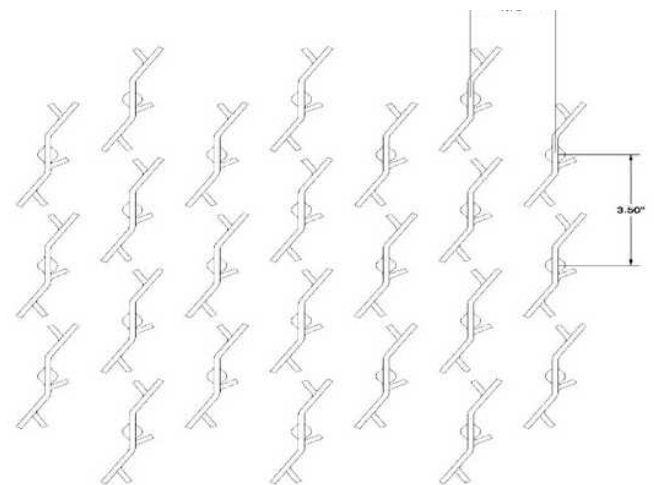


X - BAR

By providing the same level of dependability as the D-Bar with the latest Inverted Drawn Arc (IDA) technology, RCS developed the X-Bar. Due to the amount of coverage per sq-ft vs the standard IDA anchor, the X-Bar is able to reduce installations cost while maintaining enhanced installation rates. Unlike the D-Bar, the X-Bar utilizes a precision casted attachment point, which provides a superior attachment with repeatable tolerances.



1" X-BAR Anchor Spacing Layout
Approx. 12.8 Anchors per Sq Ft



1" K-BAR Anchor Spacing Layout
Approx. 23.5 Anchors per Sq Ft

As a leader in the industry for refractory services, RCS is always faced with the challenges of new safety requirements or regulations, and are always looking ahead for technologies that will create a safer working environment.

SILICA MITIGATION

In an effort to comply with OSHA standards (29 CFR 1926.1153) which requires employers to limit worker exposures to respirable crystalline silica and to take other steps to protect workers, RCS has designed proprietary attachments for the removal of silica during refractory demolition and installations. RCS has designed and uses attachments for:

- Guniting Rig
- Mortar Mixer
- Batch Mixer
- Chipping Guns





HYDRODEMOLITION

Utilizing Aqua-Jet technology, RCS is also practicing Hydrodemolition techniques in certain applications instead of traditional removal methods. Utilizing water and pressure as a means of removal, RCS is capable of removing refractory and concrete at enhanced rates while reducing or eliminating silica exposures to workers.

SPECIALTY WELDING AND SPECIALTY MECHANICAL SERVICES

You can count on RCS to provide true turn-key solutions for your heater, boiler, and furnace needs. Holders of “R”, “S”, and “U” stamps, our experienced personnel can perform any necessary specialty mechanical work, including tube repairs, re-tubes, steam and mud drum repair, tube rolling, and duct work. Also, our first-class welders and craftsmen are equipped to handle any specialty welding, piping, and fabrication that your project may require.

Services Include:

- Maintenance Services
- Turnaround Services
- Construction
- Complete Turn-key Fired Equipment Solutions
 - Heaters
 - Boilers
 - Furnaces
- Complete Heat Transfer Equipment Solutions
 - Heat Exchangers
 - Fin Fans
 - TLX
 - Condensers
 - Chillers
 - Ferrule Installation
- Specialty Welding Services
- Hydraulic Torqueing and Tensioning
- High Pressure Exchanger Services
- General Field Machining
- Testing, Plugging, and Special Isolations
- Piping and Fabrication
- Pressure Vessel and Drum Repairs
- Manual Overlay and Resurfacing
- Coded Tower and Drum Welding
- “R”, “S”, and “U” Stamps
- Nozzle Fabrication and Installation
- Total Project Planning and Management





Our shop fabrication capabilities are built around serving the midstream and downstream oil and gas industry. By employing skilled craftsmen in a state of the art fabrication facility, RCS provides our clients with customized solutions for all of their process needs, including:

- Pipe Fabrication –All Alloys
- Small Pressure Vessels
- Skid and Modular Units
- Heat Transfer Equipment Repair and Retube
- “R”, “S”, and “U” Stamps
- Convection Boxes
- SRU Components

ACCESS SOLUTIONS

The ability to provide Access Solutions is one of the key components to supplying clients with a truly integrated approach to specialty services. This capability allows RCS to provide an unparalleled approach to providing a Turn-Key solution to Fired Equipment services. RCS's access solutions are achieved through the use of the latest inventory of mobile and stationary systems, scheduling, multiple Scaffold yards, and Scaffold tracking. RCS has the experience and resources necessary to handle the scaffolding needs for maintenance, turnarounds, new construction, or capital work projects. Detailed estimates and precise tracking capabilities provide our clients with accurate budgets, forecasting, current and historical data to monitor productivity and costs. Either as a standalone resource or coupled with our supporting integrated specialty services, RCS can provide a complete Turn-Key solution on your next project.





COMPLIMENTARY SERVICES

Much like Turn-Key Fired Equipment Services, there are other services that complement those projects to provide a one stop shop for our clients. RCS's ability to provide a bundled package of core and complementary services allows for better workflows and enhanced productivity, ultimately leading to realized savings to our clients.

- Fireproofing
- Corrosion Protection
- Tank Linings/Industrial Coatings
- Light Civil
- Structural Concrete
 - Coker Pits
 - Sulfer Pits

FIREPROOFING



TANK LININGS/INDUSTRIAL COATINGS



LIGHT CIVIL





CORROSION PROTECTION

INSULATION/ABATEMENT

STRUCTURAL CONCRETE



Corporate Office/Fabrication Facility
1109 W. 13th Street
Deer Park, TX 77536

Construction Office
5123 Pine St
Pasadena, TX 77053

Construction Office/Fabrication Facility
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Port Arthur, TX 77640

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