



Scaffolding Services



YOUR CHALLENGES

Recognising the need for the highest safety standards, particularly when working at height, shorter schedules, and greater cost efficiency, we have established a fully integrated scaffolding business to provide a one-stop solution to serve all your maintenance needs.

Whether you are replacing column internals, installing new equipment, carrying out modifications or performing a sitewide turnaround in an onshore or offshore setting, we can provide the appropriate level of scaffolding access to match your requirements, in addition to performing the maintenance activity itself. This integrated approach improves safety, reduces time, and delivers significant cost savings.

OUR SCAFFOLDING SERVICES

From pre-planning, through execution and dismantling, our diverse range of talent ensures a comprehensive access solution that is scalable for any project. CR3 devotes a

great deal of time to the pre-planning phase to ensure our scaffolding materials meet the safety and quality requirements and considers all of the trades that will be impacted by the construction. We can be counted on to provide safe, reliable and quality scaffolding services to BS/EN standards efficiently and on schedule.

HOW WE SUPPORT YOUR BUSINESS

Our dedicated, highly trained and multi-skilled technicians can help you reduce numbers on site and ensure no time is wasted in handing over from the scaffolding contractor to the maintenance contractor, as we are all the same team. With our experience working with different types of scaffolding, including tubular and modular as well as with software systems that allow you to retrieve previous scaffolding designs quickly and effectively, we are ready to support you on any job, large or small. As the leading one-stop provider of specialised maintenance and industrial services, we are able to support your projects from start to finish by having expert staff on site throughout the entire process.

THE CR3 DIFFERENCE

CR3's large in-house team of highly trained technicians is subject to regular audits and a stringent safety passport scheme. We invest heavily in the latest equipment and SMART systems to maintain our reputation as the region's leading one-stop provider of specialised maintenance services.



World-class equipment and techniques

We continually invest in modern training techniques and scaffolding equipment to ensure we are well prepared and take the necessary precautions to mitigate the considerable hazards of working at height.

Outstanding QHSE performance

We maintain high safety standards through our proven commitment to ensuring a safer workplace, both onshore and offshore, for all projects.

CR3's unique culture, driven by the safety and wellbeing of our people, differentiates us from everyone else. We continually invest in state-of-the-art training and equipment to ensure our people always put safety first.

YOUR BUSINESS BENEFITS

Benefit from a holistic approach – by offering a full range of services that can be seamlessly integrated as multi-discipline packages for any refurbishment, project, shutdown or maintenance contract.

Save time and money – with experienced experts that can support your operations throughout all phases of your project lifecycle.

Maintain high safety standards – by choosing a partner with a proven commitment to ensuring a safer workplace, both onshore and offshore, for all your project requirements.

CR3 is a leading provider of energy engineering solutions. Established in 1991, we provide specialised maintenance, plant upgrade, revamp and engineering services with a sharp focus on **Energy Efficiency, Engineering Excellence, and Sustainable Solutions.**

To learn more, visit [CR3.Group](#)

Our safety performance is further enhanced through our Zero Harm, Behavioural Change and Stop Work campaigns that continue to deliver significant improvements in workplace safety.

Exceptional service

As the leading comprehensive provider of specialised maintenance and industrial services, we are able to support your projects from start to finish by having expert staff on site throughout the entire process. We offer a full range of maintenance and industrial services that are fully integrated for any refurbishment, shutdown or maintenance project. Our multiskilled workforce and a one-team approach help minimise schedule and costs to support your scaffolding requirements throughout all phases of your project lifecycle.

Unrivalled experience

We deliver your projects safely, on time and on budget by ensuring single-source control through our multi-disciplinary approach and project management capability. Our workflow management systems bring improved transparency of available resources and allows us to track compliance with operational and contractual KPIs and assist in delivering significant productivity gains for our customers.



OUR SOLUTIONS

- On-site evaluation of project requirements
- Clear specification of scope and usage requirements
- Engineering designs including determination of load requirements
- Installation of system scaffolding to BS/EN standards
- Inspection and tagging of scaffolding
- Removal of scaffolding upon project completion

CR3 IN ACTION

The challenge

A power plant in SE Asia required an access solution to carry out inspections inside a large boiler.

The solution

Despite a significant change in scope during the project preparation phase, we provided additional labour and equipment needed for the much bigger job on short notice.

The outcome

We safely erected and dismantled the 36-metre-high structure covering 8,300 cubic meters and provided full access for all required inspections within the original critical timeframe.

Leading one-stop provider of specialised maintenance services

CR3 supports your business with extensive contracting experience in the delivery of catered service packages, 'blind to blind' jobs and turnkey maintenance services during major shutdowns and turnarounds. Our business upholds a culture and track record of integrated management systems that are certified to multiple international standards.

Our Solutions

We offer a comprehensive portfolio of maintenance services that are grouped into six business lines. Our experts deliver these services – onshore and offshore – on time and on budget.

Our complete 'blind to blind' solution ensures more streamlined and efficient projects, as we maintain direct, single-source control of all critical path elements. We cater to projects of widely varying scope and complexity, and can deliver multiple shutdowns concurrently.

Related services:

- Static & Rotating Equipment Maintenance
- Industrial Scaffolding
- Mechanical Services
- Column Modifications & Repairs
- Total Heat Exchanger Maintenance
- Flare Tip Replacements & Repairs
- Cleaning & Decontamination Services
- Mercury Management Services
- Catalyst Handling Services
- Nitrogen Services
- Waste Handling
- Decommissioning Services
- Insulation Services
- Valve Maintenance
- Storage Tank Cleaning & Maintenance

Our experts meet your demands for shorter change-outs, leaner project teams and superior quality standards for all reactor types with end-to-end solutions that reduce downtime and increase profitability.

Related services:

- Catalyst & Adsorbent Handling Services
- Tubular Reactor Services
- Dense Loading
- 'Blind to Blind' Mechanical Services
- Reactor Internals Replacement & Repairs
- Nitrogen Services
- Waste Handling

We clean and inspect virtually all plant vessels, columns, drums and piping systems, both onshore and offshore, with services that can be tailored to requirements.

Related services:

- Pre-Commissioning & Commissioning Services
- Nitrogen Services
- Pipeline Cleaning (Chemical & Mechanical)
- Pipeline Flooding
- Pressure Testing
- Dewatering
- Drying
- Purging

Our investment in training, equipment and SMART systems combined with our focus on safety and rigorous planning, preparation and execution of work underpins our track record as a leading provider of mechanical & plant maintenance services.

Related services:

- Static Equipment Maintenance
- Rotating Equipment Maintenance
- Specialist Cutting Services
- Online Leak Sealing
- Controlled Bolting
- Reactor Repairs & Maintenance
- Plant Change & Piping Modifications
- In-situ Flange Facing & Machining
- Industrial Scaffolding
- Insulation Services
- Valve Maintenance
- Continuous Plant Maintenance
- Storage Tank Cleaning & Maintenance

Our extensive portfolio of cleaning services sets the benchmark in terms of technical, environmental and safety standards.

Related services:

- Chemical Cleaning Services
- Mercury Management Services
- Fin Fan Optimisation
- Hydro Jetting Services
- CR3 Decoking Technology (CDT)
- Decontamination Services
- Waste Handling

We deliver projects safely, on time and on budget by ensuring single-source control through our multi-disciplinary approach and project management capability.

Related services:

- Process Revamps, Rejuvenations & Retrofits
- Construction & Constructability Reviews
- Engineering, Procurement & Commissioning Services
- Operations & Maintenance
- Dismantling, Demolishing & Removal of Equipment
- Fabrication of structural, Carbon Steels & Pipe Systems
- Fabrication of Stainless Steels & Special Alloys
- Installation of Large Equipment & Pipe Systems
- Welding
- Hot & Cold Cutting
- Scaffolding & Insulation



CR3 is a leading provider of energy engineering solutions. Established in 1991, we provide specialised maintenance, plant upgrade, revamp and engineering services with a sharp focus on **Energy** Efficiency, **Engineering** Excellence, and Sustainable **Solutions**.

Contact us today to learn more

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