

REFERENCE CASE REFINERY



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TR Arabia Inspection in Saudi Shutdown Project

Having scheduled the shutdown of an oil refinery in Saudi Arabia for a short two-month period, Rabigh Refining & Petrochemical Company (PRC) sought a qualified and experienced partner to provide API, QA/QC and NDT inspections of equipment and piping throughout the plant. They turned to TÜV Rheinland.

Basic Facts	
Client	Rabigh Refining & Petrochemical Company (PRC)
Timeframe	October – November 2015
Project location	Rabigh, Saudi Arabia
Main services	■ Shutdown inspections ■ Quality assurance / quality control ■ Non-destructive testing ■ API inspections
Involved regulations/standards	■ API ■ ASME ■ NACE

Initial situation and requirements

PRC appointed TÜV Rheinland Arabia LLC to conduct shutdown inspections at a refinery in Saudi Arabia. We successfully mobilized a unique team of 66 highly specialized inspectors from India, Malaysia, Egypt, Pakistan, Sudan, USA and the UK.

Solutions and results

Our experts were responsible for on-site work relating to shutdown inspections and API/ASME/NACE code compliance testing for static equipment such as pressure vessels, heaters, boilers, storage tanks and piping. Services were provided at PRC plant premises, port facilities and fabrication complexes. Our qualified and experienced team of professionals delivered a variety of specific day-to-day inspection services and solved corrosion-related problems. Working with a large pool of specialized API inspectors, TR Arabia managed and coordinated the successful completion within a short two-month timeframe.

Did you know?

Petro Rabigh currently employs approximately 2,000 people, of which over 80% is Saudi, with other employees representing 22 nations from around the globe. The plant is expected to almost double in size in the next few years.

Benefits for the client

With our expert inspection assistance, PRC was able to:

- Quickly access a large number of API inspectors
- Resolve issues of quality assurance and quality control
- Inspect equipment and piping according to relevant standards

About TÜV Rheinland:

Founded more than 140 years ago, TÜV Rheinland is a global leader in independent inspection services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life.

We inspect technical equipment, products and services, oversee projects and help to shape processes for companies around the world. Since 2006, we have been a member of the United Nations Global Compact to promote sustainability and combat corruption.

As one of the leading service providers for the energy sector, we can help you with all your certification, inspection, and consulting needs in every phase of your oil and gas extraction and refinement project. We have a wide range of inspection plans to suit your needs. We can help you to reduce risk, prevent material defects and ensure maximum safety of your plants and pipelines.