



# PROVEN HEAT-FLEX™ HI-TEMP 1200 SOLVES CORROSION PROTECTION CHALLENGE

The Ras Tanura oil refinery is located south of the modern industrial port city of Jubail in Saudi Arabia.

Although Ras Tanura's port area is located on a small peninsula, due to modern oil tankers' need for deeper water, numerous artificial islands have been built to make easier docking. In addition, offshore oil rigs and production facilities have been constructed in the waters nearby.

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**EXPERTS FROM SHERWIN-WILLIAMS COLLABORATED WITH  
CONTRACTOR TECNICAS REUNIDAS ON THE CLEAN FUELS AND  
AROMATICS PROJECT**

Protecting bulk valves for all process conditions and temperatures and ensure fault-free continuous operations at the facility near the industrial port city Jubail in Saudi Arabia.

**OWNER:**  
Aramco

**CONTRACTOR:**  
Tecnicas Reunidas

**FROM SPEC TO PROTECT**  
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**SHERWIN  
WILLIAMS®**

# RAS TANURA OIL REFINERY



## SOLUTION

Heat-Flex Hi-Temp 1200 from Sherwin-Williams was chosen for its time-saving advantages as the proven single coating protection against corrosion and high heat for the O&G bulk valves at Saudi Aramco's Ras Tanura refinery.

Heat-Flex Hi-Temp 1200 is the industry's next-generation single-component corrosion under insulation (CUI) solution for high-heat applications. It offers unrivalled corrosion resistance and enhanced durability in reducing damage from shop to field with faster shop throughput. It also provides lower Volatile Organic Compounds (VOCs).

Independently tested and certified for use in severely corrosive environments, Heat-Flex Hi-Temp 1200 comes without the need of an inorganic zinc primer even when it is cured at ambient temperatures. It is approved under Saudi Aramco engineering standard SAES-H-101V / System APCS-11C as a high temperature resistant CUI coating for oil and gas projects in the Middle East.

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## OUTCOME

Rajan Menon Vazhappilli, Regional Sales Manager, Middle East for Sherwin-Williams, said: "We were aware of the challenges associated with bulk valve packages for these projects and our R&D team came up with a versatile solution for our customer to provide the necessary level of protection with efficiencies in time and cost of using only one product."

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## FEATURED PRODUCT

- Heat-Flex High-Temp 1200

## THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including oil and gas, water and wastewater, bridge and highway, steel fabrication, flooring, food and beverage, rail and power, marine and passive fire protection.

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