

enduro CASE STUDY

PROJECT NAME:

Sadara Chemical Co.

Joint Venture
Dow Chemical & ARAMCO

ENGINEERING FIRMS:

KBR

Jacobs

Fluor

Daelim

Tecnicas Reunidas

ENDURO PRODUCTS:

Ladder Tray - FRP

Cable Tray - FRP

Pipe - FRP

Pipe - Dual Laminate

Misc. FRP Process Equipment

VALUE:

\$5 Million



صدارة
Sadara

APPLICATION SUMMARY

The Sadara chemical complex is expected to be a highly corrosive environment with respect to construction materials. The primary technical and commercial variables contributing to the application include:

- Highly corrosive chemicals associated with chlorine and vinyls manufacturing
- Site proximity to one of the saltiest bodies of water in the world, the Arabian Gulf
- Very high local temperatures, which increases the corrosiveness of the environment's chemicals and salty air
- Commercially, Sadara purchasing management desired domestically manufactured content and historically proven material technologies utilized by ARAMCO or Dow

SOLUTION

- Enduro Middle East, established by Al-AbdulKarim Holding Co. (AKH) and Enduro Composites, with a manufacturing facility in Dammam, Saudi Arabia
- Domestic manufactured content capability for non-metallic fiber reinforced ladder and cable tray products
- Proven composite technology and service performance history with Dow and ARAMCO
- Proven performance in chlorine and vinyls manufacturing applications along coastal saltwater environments