

YEAR:

2008 - 2009

PROJECT:

Aromatic Petrochemical Complex

DESCRIPTION:

Another exciting component of Sohar's petrochemicals hub is the aromatics project of Aromatics Oman LLC (AOL). The biggest petrochemicals investment at Sohar to date, construction of this world-scale plant began in August 2005. The total project cost is estimated at \$ 1.6 billion.

AOL is a joint venture owned by Oman Oil Company. The project involves the construction of a mega-sized plant utilizing up-to-date process technology to convert petrochemicals into raw materials used in the production of plastics and polyester fibers. The plant will produce 800,000 t/y of paraxylene and 210,000 t/y of benzene used to produce a wide range of plastics, nylons, detergents and other chemicals. Other by products include LPG, light naphtha, heavy aromatics and raffinate. The paraxylene train is set to be the world's largest grassroots paraxylene plant when it comes on stream by end of 2009.

Sigma Paints was awarded the entire internal and external coating of the 25 tanks, which was executed with the PhenGuard System. Almost 50% of the world's multi-cargo holds and chemical carrier tanks are coated with PhenGuard system, the benchmark system of ultimate performance and a valuable selling point for owners. Despite vigorous attempts, no other paint manufacturer has succeeded to match this superior coating system. A coating thickness of an A4 paper – 3 x 100 microns – protects plants, equipment and vessels worth millions of US\$ against the most aggressive chemicals.

OWNER:

Aromatics Oman Llc

LOCATION / COUNTRY:

Sohar - Oman

SIZE (Sqm):

 38,000 m²
CONTRACTOR:

Axens, France

CONSULTING FIRM:

Jacobs Consultancy, US

COATING SYSTEM:

Tank Exterior: 7702 Sigmazinc 102 HS - 7412 Sigmacover 256 - 7524 Sigmadur 520

Tank Interior: 7417 Sigmacover 280 - 7433 Sigmaguard 720 x2 - 7409 Sigma Phenguard 930

7435 Sigma Phenguard 935 - 7436 Sigma Phenguard 940

