

SEA WATER INTAKE LINES

Derakane Epoxy Vinyl Ester Resins – Case History



Fabricator

Cord Abu Dhabi, U.A.E.

Fabrication

The pipes were manufactured by a helical filament winding process using **DERAKANE 411** epoxy vinyl ester resin and an acid resistant glass fiber (E-CR type). Selection of these materials was based on their mechanical and chemical resistance performance in this environment.

Design / Comment

Consultant : Snamprogetti, Italy.
Contractor : Cord Abu Dhabi, U.A.E.

Technical Data

Pipes of different diameters ranging from DN 200 (7.9 in) to DN 1200 (47 in) with a total length of 6 km (3.7 mi).

Service Conditions

Pipes designed for sea water intake operating under 15 bar pressure (218 psi) for the Ruwais hydrocracking project.

Last update in 1987.

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