



FUTURE PIPE INDUSTRIES

Complete Pipe System Solutions

PROJECT NAME

Jebel Ali "G" Power Station

LOCATION

Jebel Ali, Dubai, U.A.E.

COMPLETION DATE

1993 – 1994

END USER

Dubai Electricity & Water Authority (DEWA)

CONTRACTOR

- Weir Westgarth
- PWT
- Dutco Balfour Beatty

CONSULTANT

Ewbank International Consultant Ltd. U.K.

PIPE SYSTEMS CONSULTING ENGINEERS

Dynaflow International Inc., U.A.E.

PIPE SYSTEMS SUPPLIER

Future Pipe Industries

PIPE SYSTEMS UTILITY

Desalination Plant / Blending Unit

DESCRIPTION

Construction of a new power station at Jebel Ali. It called the supply and the installation of 4 Gas Turbine units, 130 MW each in addition to Eight Multistage Flash Desalination (MSF) plant.

SCOPE

Our scope entailed a single point responsibility, whereby we assume full responsibility for the piping system, including:

- Engineering: Preparation of Isometrics, Bill of Materials, & Spool Drawings;
- Surge & Stress Analysis
- Manufacturing of pipes & fittings
- Packing & delivery
- On-Site Site installation & Hydrotesting
- Documentation

PIPE SYSTEM

The project called for the production of a wide range of Glass Reinforced Pipes and Fittings, with pressure rating up to 15 Bar and a diameter range from 80mm to 2700mm.

ADVANTAGES/SPECIAL ATTRIBUTES

Glass Reinforced Epoxy and Polyester Pipes were ideally suited for the variety of application required within the scope of this project. Their ability to withstand high pressure, resist corrosion and their versatility made them the ideal choice for jacking operations, above ground, buried, and sub-aqueous installation.

