

Ras Al Khaimah, UAE

PLANT CAPABILITIES SHEET

FEATURES AND BENEFITS

Bredero Shaw's Ras Al Khaimah, UAE coating facility is strategically located at the entry point of Arabian Gulf on Strait of Hormuz at Mina Saqr Port area in order to efficiently serve the Middle East and International markets. With significant investment & upgrades made to entire coating facility in 2007, the Ras Al Khaimah Coating plant is now a world-class coating facility capable of applying internal coating, flow assurance coating (Pipe-in-Pipe), anti-corrosion and concrete weight coating.

With more than 70 acres (300,000 square meter) of plant and pipe storage area available, the Ras Al Khaimah coating plant is a full service, high capacity coating facility allowing for multiple projects to be completed simultaneously and accommodate changing project schedules.

The Mina Saqr deepwater port offers very attractive import & export levies for pipes received for coating & re-export. The Ras Al Khaimah coating facility has made special arrangements with the Port for priority berthing for load-in and load-out activity, resulting in substantial logistical savings and reduces risk of laybarge downtime and heavy demurrage charges.

Bredero Shaw is the industry leader in providing a safe & healthy workplace due to its commitment to IIF culture. The Ras Al Khaimah facility incorporates the latest technology in HSE practices and quality / process control systems.



Anti-Corrosion Coatings



Protective & Weight Coatings



Flow Assurance Coatings



Internal Coatings



Custom Coatings

MANUFACTURED PRODUCTS

COATING TYPE	DIAMETER mm (")		LENGTH m (')	
	MIN.	MAX.	MIN.	MAX.
3LPP: Three Layer Polypropylene Coating including High Temperature Polypropylene	60.3 (2.375)	1625.6 (64)	9 (29)	14 (46)
3LPE: Three Layer Polyethylene Coating	60.3 (2.375)	1625.6 (64)	9 (29)	14 (46)
FBE: Fusion Bonded Epoxy Powder Coating including High Temperature FBE	60.3 (2.375)	1625.6 (64)	9 (29)	14 (46)
Dual Layer FBE: Dual Layer Fusion Bonded Epoxy Powder Coating	60.3 (2.375)	1625.6 (64)	9 (29)	14 (46)
HeviCote®: Concrete Weight Coating	88.9 (3.5)	1625.6 (64)	9 (29)	14 (46)
Pipe-In-Pipe: PU Foam Insulated Pipe-In-Pipe	114.3 (4.5)	762 (30)	9 (29)	14 (46)
SureFlo® FEC: Thin Film Internal Epoxy Coating	323.9 (12.75)	1625.6 (64)	9 (29)	14 (46)
SureFlo® SF: Solvent Free Thin Film Internal Epoxy Coating	323.9 (12.75)	1625.6 (64)	9 (29)	14 (46)
WaterGuard™: Internal Epoxy Coating for Potable Water	323.9 (12.75)	1625.6 (64)	9 (29)	14 (46)
Custom Coatings: External Liquid Epoxy and Other External Coating Systems	--	--	--	--

LOCATION





Ras Al Khaimah, UAE



Plant Contact Information

Bredero Shaw Middle East Ltd.
P.O. Box 6997,
Saqr Port Authority,
Ras Al Khaimah,
United Arab Emirates.
Telephone: +971 7 2660133
Fax: +971 7 2660144

Americas

Bredero Shaw
A ShawCor Company
3838 N. Sam Houston Pkwy E.
Suite 300
Houston, Texas
77032-3400, USA
Telephone: +1-281-886-2350
Fax: +1-281-886-2353

Shaw Pipe

A ShawCor Company
Two Executive Place,
1824 Crowchild Trail, N.W.,
Calgary, Alberta
T2M 3Y7, Canada
Telephone: +1-403-263-2255
Fax: +1-403-264-3649

Europe/Africa/Russia

Bredero Shaw
A ShawCor Company
Imperial Dock
Leith, Edinburgh, EH6 7DT
Scotland, UK
Telephone: +44-131-553-9600
Fax: +44-131-553-9699

Bredero Shaw Norway

A ShawCor Company
P.O. Box 214
N-7301 Orkanger
Norway
Telephone: +47-72-46-60-60
Fax: +47-72-46-60-70

Middle East

Bredero Shaw
A ShawCor Company
P.O. Box 1789,
Suite 402, Al Reem Plaza
Buhairah Corniche, Sharjah, U.A.E.
Telephone: +971-6-573-7374
Fax: +971-6-573-7379

Asia Pacific

Bredero Shaw
A ShawCor Company
101 Thomson Road
#17-01/02 United Square
Singapore 307591
Telephone: +65-6732-2355
Fax: +65-6732-9073

www.brederoshaw.com

ACCESS

The Bredero Shaw Coating Yard is located inside Mina Saqr Port premises, Ras Al Khaimah (about 500 meters from Quay side) to offer the most efficient pipe handling and substantial cost savings towards logistics.

METHOD	DETAILS
Truck	<ul style="list-style-type: none"> Dual carriageway road connects Port Khaild, Sharjah (about 150 km), Port Rashid, Dubai (about 170 km), Port Jebel Ali (about 220 km) and Port Sheikh Zayed, Abu Dhabi (about 300 km). Mina Saqr Port (< 1 km)
Air	<ul style="list-style-type: none"> Mina Saqr Port is easily accessible from the airport which is just 23 km away. Dubai International Airport is approximately 115 km and Sharjah International Airport is approximately 105 km away.
Marine	<ul style="list-style-type: none"> Mina Saqr Port, Ras Al Khaimah has Maximum draft upto 12.2 meter during high tide. Mina Saqr Port has 12 Berths (8 deepwater berths) each 200 meters in length Mina Saqr Port is dedicated bulk handling port, thus does not suffer from congestion / berthing delays associated with general cargo or security related restrictions.

PARTIAL LIST OF COMPLETED PROJECTS

PROJECT	PRODUCTS	LENGTH (km)	DIAMETER (")	COUNTRY	YEAR
BP Khazzan / Makarem EWT Project	3LPP with HT FBE	115	4, 10, 12, 20	Oman	2009
Bosicor Refinery Khalifa Point SPM Project	FBE, HeviCote®, Anode	13	28	Pakistan	2009
IPIC Abu Dhabi Crude Oil Pipeline SPM Project	HeviCote®, Anode	14	48	UAE	2009
TRANSCO SAS Nakheel to Sadiyat Island	3LPE, Internal WaterGuard™	11	48	UAE	2008
IPIC Abu Dhabi Crude Oil Pipeline Project	3LPE	77	48	UAE	2008
Shell Pearl GTL Project	3LPP, HeviCote®, Anode & Internal	129	30	Qatar	2008
Qatar Gas 3 & 4 Offshore Pipeline	3LPP, HeviCote®, Anode & Internal	139	10, 22, 38	Qatar	2008
UAQ / Rakgas Gas Export Pipeline	CTE	76	14	UAE	2007
KOC Crude Oil Export Facilities at NTS, STF & MAA	CTE, HeviCote®, Anode	74	56	Kuwait	2006
KOC Crude Oil Export Facilities at NTS, STF & MAA	Insulation (PIP)	18	24 & 28	Kuwait	2006
Ras Gas Expansion Project (WH4)	CTE, HeviCote®, Anode	98	28, 38 & 40	Qatar	2004
Ras Gas Expansion Project (WH7)	CTE, HeviCote®, Anode	109	38	Qatar	2002
Adnoc / Gasco Gas Transmission System	CTE	454	16 to 30	UAE	1979/80

APPROVALS & QUALITY ASSURANCE

- Major Approvals: Shell Global Solution, Gasco, Adco, Adma-Opco, Transco/Adwea, Takreer, PDO, Qatar Petroleum etc.
- Quality System accredited to BS EN ISO 9001:2000

HEALTH & SAFETY

Bredero Shaw is committed to providing a safe and healthy workplace and ensuring that our business activities are conducted in a manner that protects the environment. It is our objective to achieve an Incident and Injury Free workplace, where everyone recognizes that by risking incident or injury, they are putting in jeopardy what they value and those they care for.

BREDERO SHAW: THE GLOBAL LEADER IN PIPE COATING SOLUTIONS

Bredero Shaw is the world leader in pipe coating solutions, with more than 75 years of experience, over 27 global pipe coating facilities and the largest team of technical and service specialists in the business. Bredero Shaw offers technologically advanced solutions for anti-corrosion coatings, protective and weight coatings, thermal flow assurance coatings, internal coatings, custom coatings and field joints for both onshore and offshore applications. This broad range of products and services provides Bredero Shaw with the unique capability to service the full spectrum of pipeline protection and flow assurance requirements. Consult your Bredero Shaw representative for your unique project requirements.

The information contained herein is indicative of the types of coatings provided by Bredero Shaw, and is not intended to be a guarantee that a particular coating will be suitable for a given application. Since many unique environmental, operating, and design conditions must be considered, the user shall determine the suitability of the coating for the intended use and assume all the risks and liabilities in connection therewith. Bredero Shaw's liability is stated in our standard conditions of sale.