

Kuantan, Malaysia

ANODE FOUNDRY

With an annual anode production capacity in excess of 4,000 MT, Wasco's anode foundry in Kuantan is one of the region's largest and most respected foundries.

Aside from manufacturing proprietary Wasco Corrosion Services® anodes, the Kuantan facility is the first in Asia Pacific to qualify for Shell's stringent DEP 37.81.20.31-EPP standard for the manufacture of cold water anodes for deepwater projects.

TSA

- Alternative approach to anti corrosion.
- Used as a pre coating before insulation.
- Longer duration between maintenance.

Factory Capacities

With an annual anode production capacity in excess of 8,000MT per day, MPE has one of the region's largest and most respected foundries. In addition to its own proprietary MPE® anodes, Wasco Energy is the first anode manufacturer in Asia to be qualified in accordance to Shell DEP 37.81.20.31-EPP.

Product Range

- Bracelet Anodes Aluminium & Zinc
- Marine Piling Anodes
- Platform and Structural Anodes
- Hull Anodes Bolted ,Zinc and Aluminium
- Hull Anodes Welded, Zinc and Aluminium

Plant Capabilities

	Furnace 800Kg	Furnace 500Kg	Capacity/ Day
Anodes AL/ZN	4 unit	1 unit	8MT



Accreditations

- ISO 9001:2008
- OHSAH 18001:2007
- Shell DEP Qualification.



Access Method

Located within the confines of Kuantan Port, trucking route to plant site is approximately six kilometers on well paved asphalt roads. Trucking services to and from Singapore, Johor Bahru, Port Klang and Thailand are readily available from local transportation companies.



Project Highlights

APLNG Upstream Phase 1 Project

Project Owner: Australia Pacific LNG Gladstone Pipeline Pty Ltd
Year of Completion: 2013
Project Location: Australia (Coating done in Kuantan Plant)

Types of Products:
 724km of 30" - 42" OD pipes.
 DLFBE, IFC and CWC Coating

EVA-NMB Gas Delivery System (ENGDS) (JDA) Project

Project Owner: Petronas Carigali Sdn Berhad
Year of Completion: Ongoing (2014)
Project Location: Malaysia (Coating done in Kuantan Plant)

Types of Products:
 250km of 24" and 28" OD pipes.
 3LPP, Internal, AE, 3 Coat System, CWC Coating
 Preservation (End Caps and VCI),
 Anode supply and Anode Installation.

Gorgon Upstream Project

Project Owner: Chevron Australia Pty Ltd
Year of Completion: 2010 - 2012
Project Location: Australia (Coating done in Kuantan Plant)

Types of Products:
 850km of 6" - 34" pipes.
 FBE, 3LPP, Internal, 3 Coat System, CWC Coating,
 Preservation (End Caps and VCI),
 Anode supply and Anode Installation.

Kebabangan Northern Hub Project

Project Owner: Kebabangan Petroleum Operating Company (KPOC)
Year of Completion: 2012
Project Location: Malaysia (Coating done in Kuantan Plant)

Types of Products:
 253km of 8"-24" OD pipes.
 FBE, AE and CWC Coating

Longford Liquids Pipeline Project (LLP)

Project Owner: Esso Australia Resources Pty Ltd
 (Contractors: Marubeni Itochu Tubulers Oceania Pty Ltd)
Year of Completion: Ongoing (2014)
Project Location: Australia (Coating done in Kuantan Plant)

Types of Products:
 190km of 14" OD pipes.
 DFBE and CWC Coating

Polarled Development Project

Project Owner: Statoil Petroleum AS on behalf of owner group
Year of Completion: 2015 (ongoing)
Project Location: Norway (CWC)
 (Internal and anti-corrosion coating done in Kuantan)

Types of Products:
 492 km of 36" pipes
 3LPE (Linepipe and Buckle Arrestor),
 3LPP (Linepipe and Buckle Arrestor),
 IFC (Internal flow coating), CWC Coating,
 Marine Logistics, Transshipment of CWC pipes,
 Anode and Doublar plate supply and Installation.

Garagol Deniz Project

Project Owner: Petronas Carigali (Turkmenistan) Sdn Bhd
Year of Completion: Ongoing (2014)
Project Location: Turkmenistan

Types of Products:
 75km of 14" OD pipes with 3LPE Coating

Gumusut Kakap Deepwater Project

Project Owner: Sabah Shell Petroleum Company
Year of Completion: 2009
Project Location: Malaysia (Coating done in Kuantan Plant)

Types of Products:
 57.7km of 8"-12" OD pipes.
 FBE, 3LPE,GSPU, Anode Supply
 and Anode Installation

Pulau Bukom Project

Project Owner: Shell
Year of Completion: 2013
Project Location: Singapore

Types of Products:
 110km of 48" OD pipes with 3LPE
 and CWC Coating

Wheatstone Ashburton West Pipeline Project

Project Owner: Chevron Australia Pty Ltd
 (Contractors : Metal One Corporation)
Year of Completion: Ongoing (2014)
Project Location: Australia (Coating done in Kuantan Plant)

Types of Products:
 110km of 16" OD pipes.
 DFBE, Internal and CWC Coating

F14 and F29 Project

Project Owner: Sarawak Shell Sdn Bhd
Year of Completion: 2013-2014
Project Location: Malaysia

Types of Products:
 49km of 12" and 20" OD pipe with 3LPP,
 CWC, Neoprene

About Wasco Pipeline Services

With facilities spanning Asia, West Africa, the Middle East, Europe and the United States, Wasco's Pipeline Services Division is uniquely placed to deliver pipe coating, pipe manufacturing and offshore corrosion control solutions that meet the rigorous demands of utilities and energy players.

We have established a name for ourselves as a leader in pipe coating solutions for the oil, gas and water industries and today operate some of the world's most advanced coating facilities. As a manufacturer of pipes, we have been instrumental in pioneering the development of large diameter spiral pipes in Malaysia. On the offshore corrosion control front, we design and manufacture innovative sacrificial anodes and cathodic protection systems for offshore and marine assets.

Products And Services



Pipe Coating

Wasco's Pipe Coating Division, a leader in pipe coating solutions for the oil, gas and water industries, operates one of the world's most advanced, fully-integrated, coating facilities in Kuantan, Malaysia and has established new facilities in Mo i Rana in Norway and in New Iberia, Louisiana in the United States.



Pipe Manufacturing

Wasco's Pipe Manufacturing Division is the pioneer in the manufacture of spiral-welded pipes in Malaysia and has over 30 years of industry experience. Wasco's spiral pipe manufacturing facility in Kota Kinabalu, Sabah is managed by Petro-Pipe (Sabah) Sdn Bhd or PPS.



Offshore Corrosion Control

Wasco Corrosion Services designs and manufactures sacrificial anodes and cathodic protection systems for offshore and marine assets. Wasco Corrosion Services brings its expertise in cathodic protection and asset integrity management into play to cater to a growing base of oil and gas clients.



Our HSE Policy

Wasco practices internationally-recognised Health, Safety and Environment (HSE) standards at each of its operations around the world and is fully committed to the pursuit of high product and service quality while ensuring no harm to people and no damage to the environment. Wasco is committed to providing a safe and healthy workplace and ensuring that all business activities are conducted in a manner that protects the environment. HSE performance is everyone's responsibility throughout the length and breadth of Wasco's operations.



CORPORATE

WASCO ENERGY GROUP OF COMPANIES

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MANUFACTURING PLANTS

Asia

Pipe Coating Plant and Anode Foundry

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Gebeng, KM 25, Jalan
Kuantan-Kemaman,
P.O. Box 240, 25720 Kuantan,
Pahang Darul Makmur, Malaysia
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Asia

Pipe Manufacturing

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Industrial Zone 13 (IZ13),
Kota Kinabalu Industrial Park,
88460 Kota Kinabalu, Sabah
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Europe

Pipe Coating Plant

Terminalveien 22,
8624 Mo i Rana, Norway

USA

Deepwater Insulation Plant

4611 Curtis Lane,
New Iberia,
LA 70560, USA