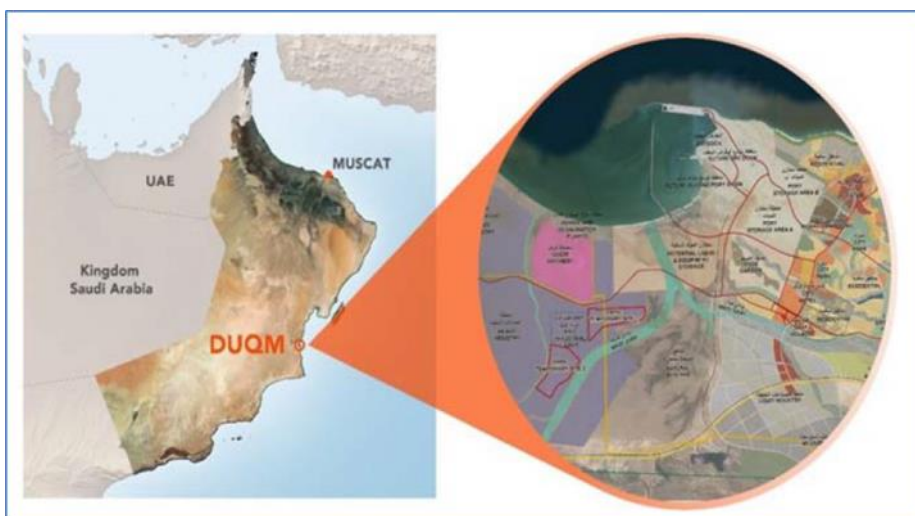


DUQM LIQUID BULK BERTHS PROJECT

LIQUID BULK BERTHS PROJECT

Project Name	DUQM Liquid Bulk Berths Project
Client	Port of Duqm
Contractor	Six Construct
Location	Sultanate of Oman
Product	LSAW Pipe
Total Tonnage	5,046MT
Corrosion Protection System	Interzone 505 (Total DFT: 800µm)
Delivery Date	November 2017

INTRODUCTION



Location map & master plan details.

The Government of The Sultanate of Oman is in the process of developing Duqm town and the Port of Duqm, as a strategic dry dock, free trade zone, industrial and tourism destination. The Port of Duqm is seen as a catalyst for the development of the Al Wusta region. The Port and Dry Dock are being developed to increase the trade; i.e. cargo trans-shippments, ship repair, manufacturing and tourism. The site enjoys proximity to the busy regional sea-lanes of Oman's coastal waters and is characterized by a friendly

ESC SCOPE OF SUPPLY

LSAW PIPE

ESC was awarded the job to supply 5,046MT of painted LSAW pipe (specification: OD1219, thickness 22mm, length from 13m ~ 24.5m) with material API Spec. 5L grade X60. The LSAW pipe is required to be fabricated in accordance with client supplied project specific specifications.



PRODUCTION & INSPECTION

PROCESSES



SURFACE PREPARATION

ACTIVITIES

Past president of SSPC: year 2016~2017, with NACE level III, and SSPC level III qualification) along with his assistant (NACE level III qualification) are assigned by client to audit ESC about

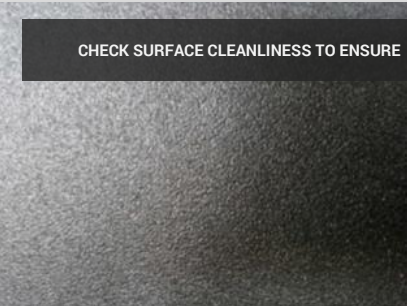
PRE-BLASTING INSPECTION



SHOT BLASTING TO SA2.5

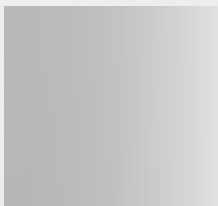
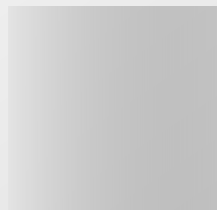


POST BLASTING INSPECTION



PAINTING PREPARATION

ACTIVITIES

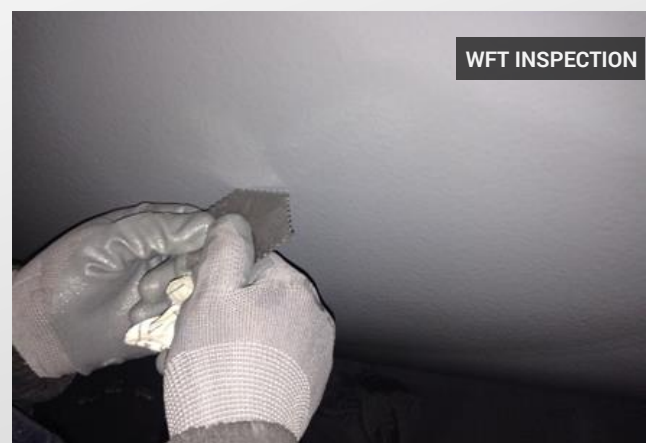


- Check substrate temperature
- Check amount of thinner added
- Check paint temperature
- Monitor paint mixing ratio

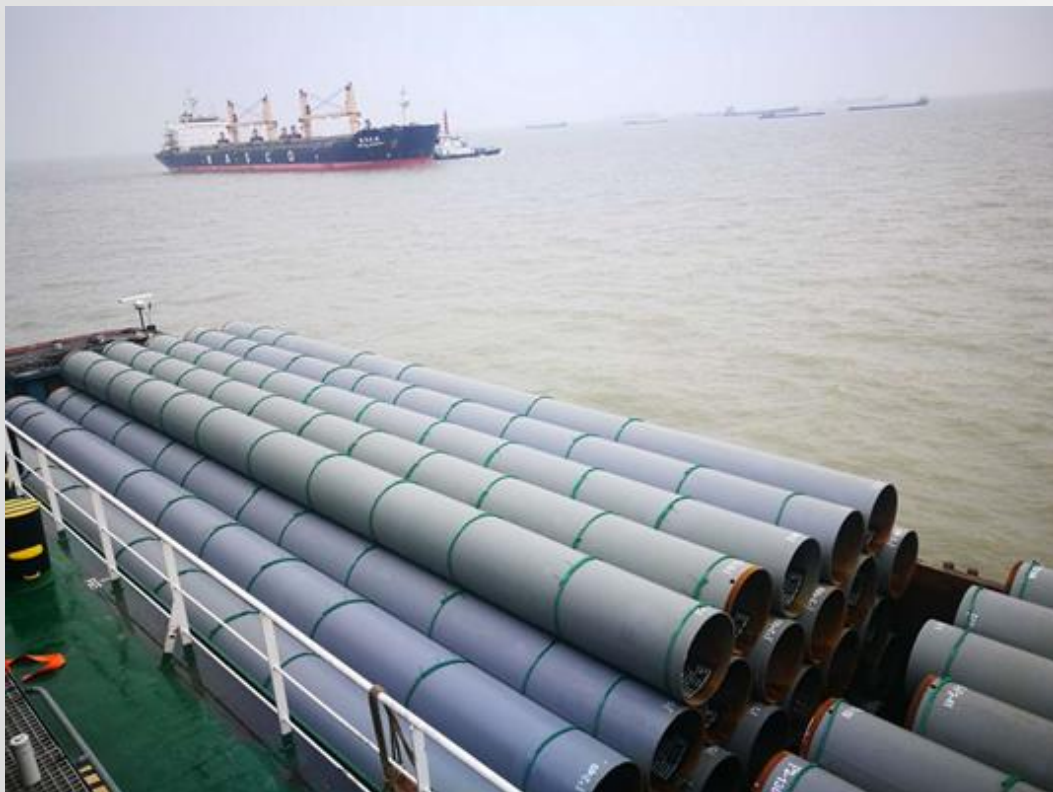


PAINTING

ACTIVITIES



FINISHED PRODUCT



SHIP LOADING



Customized lifting hooks used for lifting to prevent damage.



Stopper with pad at side edge to prevent pipe sliding.

Wooden pad at the bottom for the pipe to prevent direct contact of painted pipe with hard seating surface.



ON-SITE INSTALLATION

