



CORROSERV (M) SDN BHD

CASE HISTORY ~ CH0200

EXTERNAL COATING OF 10" RISER

THE CHALLENGE: Currently, one of their offshore risers is in need of recoating, which is to be done online. Therefore, they need information on the available coating system that would be suitable for this application.

Line Size	: 10"
Service / Content	: Crude (Waxy)
Operating Temperature	: 90°C - 130°C

THE SOLUTION: Corroserv (M) Sdn Bhd proposed external coating system together with our solvent free Corro-Chem™ 330 HHA as the external coat to solve this problem. Corro-Chem™ 330 HHA have high temperature resistance up to 125°C continuously and 149 °C intermittently which are ideal for the riser's parameters. The system was applied with surface preparation according to SSPC-SP10 standards using dry abrasive blasting. Details of the applied system are as follow:

Surface cleaning	: SSPC-SP3
Stripe coat	: Corro-Chem™ 330 HHA
Primer	: Corro-Chem™ 330 HHA at average thickness of 300μ
Finishing coat	: Corro-Chem™ 330 HHA at average thickness of 200μ



Figure 1.0: Initial condition of 10" riser



Figure 2.0: The appearance of 10" riser after applied with Corro-Chem™ 330 HHA

APPLIED SYSTEM:
CORRO-WRAP™ WET LAY-UP

YEAR:
2018

LOCATION:
MIRI

NO SEA TOO DEEP, NO JOB TOO TOUGH!