



# CORROSERV (M) SDN BHD

CASE HISTORY ~ CH0061

## INTERNAL COATING OF VESSEL (FREE WATER/ GAS KNOCK OUT)

**THE CHALLENGE:** Currently, one of client's vessels has experienced coating and lining failures due to severe corrosion. The internal of the vessel bottom is badly corroded and pitted at unmeasured depth. The internal of the vessel is categorized as confined space area. There were two pieces of additional pressure perforated plate that need to be recoated.

**THE SOLUTION:** Corroserv (M) Sdn Bhd has proposed the Corro Chem 330, Bas-Rap (basalt fiber wet lay-up with Corro Dur 192L) system as solution to their requirement. The defect was patched with Basalt wet lay-up and the welding joint was lined with CRQX wet lay-up. Corro Chem 330 was applied as primer and topcoat on the entire repair area. The resin system employed for the saturation of the fiber (Corro Dur 192L) and the topcoat Corro Chem 330 are all 100% volume solids system and tolerant of moisture during application, they also have a liner curing cycle thus providing optimum adhesion and strength.

**THE RESULT:** The proposed system was designed to reinforce the existing vessel from further corrosion and extend the service life of the vessel. The job was satisfactorily completed as proposed repair procedure complying with surface preparation and application standards set by NACE/ SSPC. The minimum required pressure for adhesion test is to exceed 500 psi. The client was satisfied with whole job and the proposed system is believed to be the best solution to their problem.



---

APPLIED SYSTEM:  
BAS-RAP WET LAY-UP

YEAR:  
2009

LOCATION:  
INDONESIA

---

*NO SEA TOO DEEP, NO JOB TOO TOUGH!*

---

Corroserv (M) Sdn. Bhd.  
No 20 & 22, Jalan IM 14/15,  
Bandar Indera Mahkota,  
25200, Kuantan, Pahang,  
Malaysia.

Phone +6095735623  
Fax +6095733347

Email [admin@corroserv.com.my](mailto:admin@corroserv.com.my)  
Website <http://www.corroserv.com.my>