

Know –How *in Action*

SOLARTECH REPAIRS TO HOLED SUB SEA CRUDE PIPELINE

CUSTOMER

OIL & NATURAL GAS CORPN LTD, MUMBAI, INDIA

APPLICATION DATE

MAY'2012

APPLICATION SITUATION

5 MTR CRUDE OIL PIPELINE, TROMBAY, MUMBAI

PROBLEM

THIS 30 YEARS OLD LINE WHICH WAS HAVING 03 PUNCTURED HOLES (CLAMPED) WAS LYING DORMANT WITH CRUDE OIL. TO REMOVE THIS OIL THEY HAD TO PRESSURIZE THE LINE WITH WATER @ 20 KGS FROM BUTCHER ISLAND TOWARDS TROMBAY, HENCE THE REPAIRS REQUIRED FROM NESL.

PRODUCTS

BELZONA 1831 SUPER UW METAL
SOLARTECH VE 55
SOLARSEAL RESIN

SUBSTRATE

CARBON STEEL

APPLICATION METHOD

HOLES WRE PLUGGED USING BELZONA 1831, SOLARSEAL RESIN APPLIED TO THE REPAIR LENGTH OF 5 MTRS. 2 WRAP SOLARTECH VE 55 SHEETS APPLIED

FACT

LEAKAGE OF CRUDE OIL INTO THE SEA WAS CONTINUOUS IN DROPS AND AN ENVIRONMENTAL CONCERN TO ONGC.THE SOLARTECH APPLICATION HAS PREVENTED FURTHER LEAKAGE INTO THE SEA.

PICTURES

1. DAMAGED AND THINNED DOWN PIPELINE
2. SOLARSEAL RESIN APPLIED
3. SOLARTECH VE 55 COMPLETED PIPELINE

