



CORROSION MONITORING

Monitoring of Corrosion Effect:

CCS wraps can be dismantled and then reassembled. This unique feature allows the owner to:

1. Perform periodical checkups and testing of the wrap performance and the pile condition
2. Minimize costs of monitoring, as wrap does not have to be replaced

For accurate measurement of any corrosion process that might be occurring, CCS supplies steel coupons, three of which are to be installed alongside the flanges, under the wrap.

CCS recommends that one out of ten jackets should be fitted with coupons, at time of installation. Each coupon is supplied from the manufacturer in a dedicated shipping envelope with a serial number etched on to the exterior surface. The time, date and position of installation is then written on the shipping envelope and further entered on the inspection installation report. A copy of the report is sent to CCS.

The client can then choose periodically to open a wrap where coupons are fitted. The coupons then be removed, placed in the corresponding envelope and returned to the coupon supplier for analysis.

Their lab performs the analysis. The report will provide corrosion rate in mills. The original report will be sent directly to the client with a copy to CCS.



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