

Condition survey

Marine

Description

Hempel's condition survey is designed for customers that require a coating expert to conduct a survey evaluating the condition of the structure and/or existing coating system.

This service can extend trading time, reduce long term maintenance cost and lost revenue. The condition survey provides advice on urgent coating related challenges or create the foundation for future maintenance planning by advising on causes of possible failure and provide a maintenance coating specification.

Uncoated structures

Visual inspection on the actual surface condition of the substrates, metal and non-metal, rust grades, shopprimer, fittings, contamination etc.

Check and report design considerations of metal and non-metal substrates.

All inspections and findings to be clearly documented with pictures.

Document results and recommendations.

Coated structures

Visual inspection on the actual condition of the existing coating system including colour shade of the coating.

Evaluating the type and percentage of defect (example in accordance to ISO 4628-1/5) per main area on the structure and determine the possible cause(s) of failure, if applicable.

Evaluate and investigate which environment(s) the coating may have been exposed to and the duration.

Check and report dry film thickness (DFT) measurements.

Check the adhesion/cohesion of the system and report according to ASTM D 3359 (cross-cut test), ISO 16276-2 or ASTM D6677 (x-cut test).

Discontinuity (pinhole) testing and report according to NACE SP 0188/ISO 29601, if required.

If the generic paint type is unknown, determine the paint type using the "Solvent test".

All inspections and findings to be clearly documented with pictures. The report may include what type of maintenance/repair is needed and when.

Document results and recommendations.

Reporting

A final report will be distributed by email when the coating advisor's inspections are completed.

Conditions

Hempel's Technical Service is provided subject to this Technical Service Data Sheet and the current version of Hempel's General Conditions of Sale, Delivery and Service.

Technical Service consists of surveying on site, advising, and reporting to the customer, as described in this Technical Service Data Sheet, on the project progress and the conformity of the application of Hempel products with the product documentation consisting of project specification (where applicable), Product Specification, Product Data Sheets, Material Safety Data Sheets and any other product information provided by Hempel in writing, to aid the customer's acceptance of work. Any additions or changes to the scope of services defined herein shall be agreed upon in writing, by all parties involved, before the start of a project.

Hempel's Technical Service is provided by Hempel's coating advisors. Hempel's coating advisor will be ensured by the customer:

- Appropriate access to the work site according to local HSE regulation(s) and project schedule
- Safe working environment and site-specific safety training
- The use of access equipment, inside the coating advisor's competences
- Access to an approved customer representative for site decisions and corrective actions

If the customer fails to ensure the above access, security and health conditions to the satisfaction of the coating advisor, the coating advisor is entitled to suspend performance of its services with immediate effect until the conditions have been met, following a written notice hereof to the customer, without being in breach or otherwise liable for any failure or delay in the performance of its services obligations.

Limitation of Liability

Hempel's liability for the provision of Technical Services shall at any time be limited to the value of the Technical Services provided by Hempel for which the customer has paid.