



COATING INSPECTION & FAILURE ANALYSIS

SGS EXPERTISE FOR COATING SERVICES

LONG-TERM SAFETY

As an owner, future owner or facility manager of valuable constructions you attach great importance to the durability of your capital goods. The required durability depends largely on the quality of the outside finish. The consequences of concrete decay, corrosion and loosening adhesive coats are great and extremely inconvenient.

They involve immense repair costs, while it is likely that an installation or construction may need to be temporarily shut down.

THE SGS EXPERTS

SGS has already been inspecting the surface preparation and application of coating work, concrete renovation, insulation and plastering for many years. SGS performs random inspections at its laboratories, at the workshop or on the construction site itself.

The experience of SGS in the field of coating controls and inspections is enormous. Expertise is available for the assessment of coatings on ferrous steel, stainless steel, aluminium, concrete, brick, plastic, etc.

SGS DISTINGUISHES ITSELF BY

- NACE Certified Coating Inspectors
- Independent position
- Certified and accredited QA system
- Timely and clear reporting
- Flexibility, quick availability
- Specialised expertise
- State-of-the-art instruments

SGS consults pro-actively and helps clients in making important, often crucial investment decisions.

SGS EXPERTISE FOR COATING SERVICES

PAINTWORK: SPECIALIST WORK

SGS also conducts periodic quality controls at contractors, coating shops and manufacturers.

These controls ultimately increase the quality of the coating work. The experts from SGS add value to your activities wherever in the world you are doing business. We help you to make decisions relating to quality, safety and durability. Inspection and maintenance contracts can also be agreed.

This defines the number of controls in a certain period; with or without guaranteed insurance.



FULL SERVICES

SGS inspects, controls, tests, verifies, researches, advices and carries out supervision; timely, independently and professionally. Around the world, coating inspections are provided to all industries, such as offshore, ship building, maritime installations, private and public buildings, food industry, petrochemicals, process industries, piping etc.

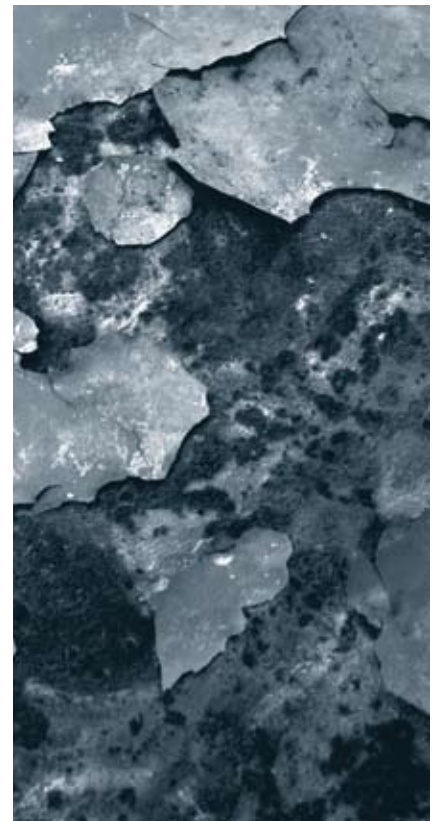
OUR SERVICES

- Periodic quality controls
- Periodic technical inspections
- Loss assessment, repair advice
- Damage assessment and expertise
- General technical assistance
- Drawing up of technical specifications
- Technical coating research
- Technical coating laboratory services
- Training for Coating Supervisors
- Determination of surface roughness
- Granulometric research
- Determination of bath parameters
- Determination of viscosity and % solid substances, pot life, exterior arrangement
- Tests of coat thickness, hardness, adhesion, gloss, colour
- Cupping tests, conical punch, impact resistance, porosity, etc.
- Machu test, salt haze
- Testing for
 - Conformity
 - Compatibility
 - Performance

GUARANTEE

SGS assures that its work is of the highest quality. If required, we are able to arrange insurance against premature corrosion, loosening, etc. with specialised companies for a certain period. Such guarantee insurance must be agreed before the start of the activities.

SGS assists with the paperwork involved with insuring the object. During the period of the insurance, SGS performs periodic inspections.



SGS COMPETENCE CENTRE WIND ENERGY

Raboisen 28
D-20095 Hamburg
Germany
T +49 40 30101 - 236
F +49 89 1250 4068 236
wind@sgs.com
www.sgs.com/wind