



# COATING INSPECTION & FAILURE ANALYSIS

## SGS EXPERTISE FOR COATING SERVICES

### LONG-TERM SAFETY

Whether as owner, future owner or facility manager of valuable constructions, you attach tremendous importance to the durability and longevity of your capital goods. These qualities depend in large part on the quality of the surface finish. Defects such as concrete decay, corrosion and loosening of adhesive coats can lead to significant and extremely inconvenient consequences such as immense repair costs and/or the temporary shut-down of the installation or construction.

### THE SGS EXPERTS

SGS has vast experience in the field of coating controls and inspections, having inspected surface preparations, application of coatings, concrete renovation, insulation and plastering for many years. Further, our highly qualified technicians possess expertise for the assessment of coatings on a multitude of materials, including ferrous steel, stainless steel, aluminium, concrete, brick, plastic, etc.

SGS performs random inspections at its laboratories, workshop or on the construction site itself.

### SGS DISTINGUISHES ITSELF BY

- NACE certified coating inspectors
- Independent status
- Certified and accreditations QA system
- Timely and coherent reporting
- Flexibility, and availability
- Highly specialised expertise
- State-of-the-art equipment and techniques

SGS consults in a pro-active manner and assists our 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 at SGS add value to your activities, wherever you are conducting business. We help our clients make critical decisions relating to quality, safety and durability.

Inspection and maintenance contracts can also be agreed upon which define the number of controls to be realised over a certain period, with or without guarantee insurance.



## COMPREHENSIVE SERVICES

SGS inspects, controls, tests, verifies, researches, advises and carries out supervisions: timely, independently and professionally. Around the world, coating inspections are provided to a diverse array of industries such as offshore, ship building, maritime installations, private and public buildings, food industry, petrochemicals, process industries, piping, etc.

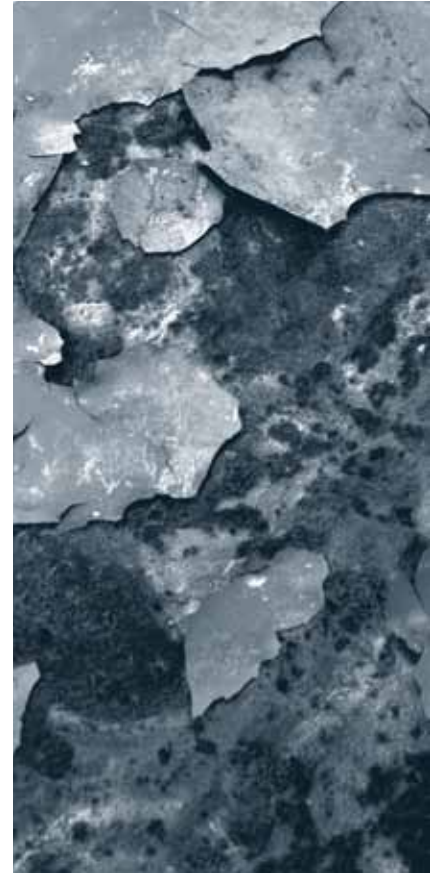
## OUR SERVICES

- 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 percentage of solid substances, pot life, exterior arrangement
- Tests of coat thickness, hardness, adhesion, gloss, colour, etc.
- 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 desired or required, we can procure insurance from specialised companies against premature corrosion, loosening, etc. for a given period. Such guarantee insurance must be agreed upon prior to the start of activities. SGS assists with all insurance-related paperwork.

Periodic inspections are performed by SGS throughout the term of the insurance policy.



## CONTACT

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**SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.**

**WHEN YOU NEED TO BE SURE**

**SGS**