



LEVELTON

MATERIALS & CORROSION

Corrosion Protection by
Protective Coatings

For more than 30 years Levelton Consultants Ltd. has been providing engineering and inspection services in the protective coating industry. Our activities range from basic thickness measurements on coated surfaces to a comprehensive package of coating management services. We are actively involved in all phases of the project to ensure our client receives the optimal performance from the coating system.

Levelton's professional engineers and technical staff have many years of experience and educational training in protective coatings. They have received training from NACE International and are members of the Steel Structures Painting Council. Our technologists have received advanced training in the NACE International Coating Inspectors Training and Certification Program.

Levelton's Approach on Existing Structures Typically Involves the Following:

- An orientation meeting with the Owner to discuss the project requirements.
- Visual inspection of the structure to assess the condition, extent of the deterioration, methods of repair and environmental constraints.
- Sampling and testing of existing coating to determine the generic type and to ensure compatibility with the new coating materials.
- Sampling and testing of the existing coating for lead and other heavy metals to address safety and environmental issues.
- Preparation of technical specifications for cleaning and coating the structure, addressing all technical, safety and environmental issues.



- Evaluation of bids during the tender process.
- Pre-job meetings with the Owner and contractor to discuss project details, to liaise with the contractor and to ensure a complete understanding of the work.
- Quality assurance inspection of the contractor's work as the project proceeds to ensure compliance with the project specifications.
- Submission of a final report including the daily inspection records and final acceptance testing.



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Where the Owner has already selected a coating system and awarded a contract for the work, we provide coating inspection services to ensure specifications are satisfied and quality is not compromised.

For New Construction, we:

- Assist the structural engineers during the design stage to overcome typical design deficiencies that can make it difficult to effectively coat a steel structure for long-term corrosion protection.
- Specify the coating system.
- Meet with the paint shop to ensure that all work is completely understood.
- Provide quality assurance inspection services during the actual work.
- Provide site inspections for field touch-up painting.

Levelton's Engineering Professionals are Experienced in Coatings and Paints for:

- Industrial and municipal sectors.
- Commercial and residential buildings.

Range of Experience - Simple to Complex:

- Application of conventional paints to residential housing and commercial developments.
- Tape coatings on buried pipelines.
- High-performance industrial coatings on marine and industrial structures.

Levelton has successfully provided coating services to industrial, municipal, residential and commercial sectors in Canada for over 30 years. As part of Levelton's Materials and Corrosion Group, our coating specialists take a comprehensive approach and integrate these coating services with other services offered by our Company.

Levelton's other engineering and scientific fields of activity include Materials Engineering, Geotechnical, Building Science, Physical and Analytical Testing and Environmental. Our unique multi-talented, integrated services make us well qualified to manage your project.

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