



LEVEL 3 Guidelines for Candidates

In addition to specific, documented training and ethics attestations, candidates for the NACE International Institute's CIP LEVEL 3 PEER coating inspection certification must also satisfy work experience requirements shown herein. Coatings inspection field experience is defined as coatings-related field work in an industrial setting where protective coatings are inspected.

It must be demonstrated by documentation that:

- A. The certification candidate has a minimum of FIVE (5) years' work experience as a coatings inspector, prior to application for certification, in jobs related to industrial coatings, OR
- B. The certification candidate has a minimum of FIVE (5) years' work experience in jobs related to industrial coatings and a minimum of FIFTY (50) hours of verifiable and documented experience in the use of non-destructive AND destructive coating inspection instruments, prior to application for certification. For example, work experience as an Industrial coating applicator which includes the requisite FIFTY (50) hours of experience using non-destructive AND destructive inspection instruments, OR
- C. The certification candidate has a minimum FIVE (5) years' professional work experience, including fieldwork as a coating manufacturer's representative, a practicing representative of a Facility Owner (or his/her designated Agent), or a representative from a licensed professional engineering or architectural firm, AND a minimum of FIFTY (50) hours of verifiable and documented experience in the use of non-destructive AND destructive coating inspection instruments.

EXCLUDED WORK EXPERIENCE

Examples of work experience that will not count toward certification prerequisites include, but are not limited to the following:

1. Laboratory technician work without coatings-related field experience;
2. Specification-writing without coatings-related field experience;
3. Protective coatings sales experience without coatings-related field experience.



APPROVED INDUSTRIES

Required experience may be obtained in any of the following industries. (This is not an all-inclusive list and experience gained in an industry that is not listed below will be evaluated on a case-by-case basis.)

1. Marine Transportation/Shipping/Ship Repair
2. Chemical Processing Plants
3. Oil Refinery Facilities, Oil Field Operational Equipment or Offshore Oil platforms
4. Any aspect of the Energy production industry, including Solar, Coal, Natural Gas and Nuclear power generation
5. Municipal waterworks, sewage plant and civil infrastructure restoration
6. Transportation facilities, including steel and concrete bridges
7. Buried and above ground pipelines, including high pressure gas transmission lines.

LEVEL 3 SUBJECT AREAS

Additionally, certification candidates are cautioned that satisfying experience requirements for CIP Level 3 Peer certification requires a wide range of experience. Candidates who have highly specialized knowledge in only one industry area are often not successful in achieving certification.

The successful candidate must be able to demonstrate a thorough and complete knowledge in the areas of but not limited to:

A. Surface Preparation:

1. Surface Preparation Standards and Processes
2. Common Surface contamination problems and their respective solutions
3. Effect of adverse environmental conditions upon proper surface preparation

B. Coatings:

1. Chemistry of industrial coatings by type including their curing mechanisms
2. Common application problems and limitations
3. Common application processes and equipment used, especially plural component

C. Inspection Procedures, Requirements and Processes:

1. Inspection Standards
2. Inspection Procedures
3. Inspection Instruments



4. Evaluation of, and Reporting of, results for each type of instrument
5. Documentation procedures and report writing requirements

D. Non-technical skills such as, but not limited to:

1. Team Building
2. Active Listening Skills
3. Ability to avoid conflicts/ ability to negotiate
4. Good verbal and written communication skills
5. Ability to produce clear, concise and accurate documentation