

AJAY KUMAR RAWAT



NACE Certified Coating Inspector - Level 3 |

NACE Protective Coatings Specialist

Mundra, Gujarat, India

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EXECUTIVE SUMMARY

Senior Quality Assurance & Coating Specialist with over 22 years of industrial experience in protective coatings for the Oil & Gas, Petrochemical, and Heavy Engineering sectors. **NACE Level 3 Inspector (Cert. No. 23277)** and **ISO 9001 Lead Auditor**. Expert in managing coating inspections for high-value assets including Line Pipes, Pressure Vessels, and LNG structures. Proven track record in failure analysis, laboratory management (ISO 17025), and third-party inspection for major international clients including **NEOM (Saudi Arabia)**, **LNG Canada**, and **Total E&P (Uganda)**.

CERTIFICATIONS & AUDITING

NACE Protective Coatings Specialist (Cert. No. 207522)

- **NACE Certified Coating Inspector - Level 3 (Cert. No. 23277)**
- **Lead Auditor ISO 9001:2015 (Quality Management System)**
- **Internal Auditor:** ISO 17025:2017, API SPEC Q1 (9th Edition), ISO 29001:2020, ISO 14001:2015, ISO 45001:2018

TECHNICAL EXPERTISE

Coating Systems	3LPE, 3LPP, FBE (Fusion Bonded Epoxy), Dual Layer FBE, TSA (Thermal Spray Aluminium), TSZ, Hot Dip Galvanizing (HDG), Concrete Weight Coating (CWC), Fire Proofing, Internal liquid epoxy.
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Inspection & Testing	Failure Analysis, Surface Preparation, Adhesion Testing, Cathodic Disbondment (CD) Test, Impact/Tensile/Hardness Testing, DSC, Gel Time, Melt Flow Rate, Pinhole detection.
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Codes & Standards	ASTM, API RP 5L2, API RP 5L9, ISO, DIN, DEP, NACE, AWWA, CAN/CSA Z 245.20/21
Documentation	Review of ITP (Inspection and Test Plans), coating procedures, raw material calculations, and enquiry checklists.

PROFESSIONAL EXPERIENCE

- Bureau Veritas India Pvt Ltd (BVIL)** Nov 2025 – Present
Freelance NACE Level 3 Inspector India
- Providing third-party inspection services for protective coating applications on industrial projects.
- DEE Development Engineers Ltd (Project: Tilenga – Total E&P Uganda)** Sep 2024 – Nov 2025
Freelance NACE Level 3 Inspector Gujarat, India
- Managed coating inspections for the **Tilenga Project (Total E&P Uganda)**.
 - Oversaw surface preparation and application of multi-layer coating systems on spools and piping assets.
- Bureau Veritas India Pvt Ltd (Project: NEOM)** Mar 2023 – Sep 2024
Freelance NACE Level 3 Inspector Saudi Arabia
- Executed QA/QC oversight for the **NEOM Saudi Arabia** infrastructure project.
 - Ensured compliance with strict international environmental and quality standards for various coating applications.
- PRAJ Industries Ltd / Intertek India (Project: Plaquemines LNG - Venture Global)** *Kandla SEZ, India*
May 2022 – Feb 2023
- Inspected multi-layer paint coating systems and Fire Proofing Coating on Vessels.
 - Verified inspection records and ensured proper documentation for compliance with project specifications.
- Intertek India Pvt Ltd (Project: LNG Canada)** Jan 2022 – Feb 2022
India
- Conducted specialized inspections for **TSA (Thermal Spray Aluminium)**, TSZ, and HDG coatings for the LNG Canada project.
- Inox Pvt Ltd (Project: Golden Pass LNG, Texas)** *Kandla SEZ, India Oct 2021 – Nov 2021*
- Inspected TSA Coating and multi-layer painting systems for the US-based **Golden Pass LNG** export terminal.

Jindal Saw Ltd
Technical Manager & Senior Coating Inspector Mundra, Gujarat

Apr 2003 – Aug 2021 (18 Years)

- **Technical Management:** Served as **Technical Manager** for the ISO 17025 accredited laboratory (2014–2021), overseeing calibration, testing, and raw material approval.
- **International Deputation:**
 - **Saudi Arabia:** Inspected 3LPE, Internal FBE, and custom coatings on line pipes/bends.
 - **Oman (TMK GIPI):** Inspected 3LPE and Internal paint coating on line pipes for OMAN GAS.
- **Quality Assurance:** Conducted internal audits for ISO 9001, API Q1, and ISO 14001 compliance.
- **Operations:** Supervised application of Coal Tar Enamel, 3LPE, FBE, Concrete Weight Coating (CWC), and Internal Girth Weld Coatings.

EDUCATION

B.Sc. (Chemistry, Physics, Math) | Dr. Bhim Rao Ambedkar University, Agra (2002)

PERSONAL DETAILS

- **Date of Birth:** 10th July 1980
- **Languages:** English, Hindi