

SUDHAKAR KUMAR

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PROCESS COMMISSIONING OPERATOR AN OVERVIEW

- ☞ Graduate engineer (CS) offering **nearly 09 years of experience** in QA/QC coating and painting inspector, Gas Pipeline, Water pipelines and Petrochemicals plants.
- ☞ Currently associated with Larsen & Toubro 'Hydrocarbon', Saudi Arabia, As painting supervisor.
- ☞ Extensive experience in managing of coating and painting activity.
- ☞ Excellent communication, planning, analytical and problem-solving skills.

CORE COMPETENCIES

Reviewed of approved procedure • Responsible for yard and field on going activities for painting inspection • Ensuring the correct and valid calibration status of the inspection equipment • Raise RFI's to client inspection department through project management • witness and inspection for field joint coating • physical examination of the surface to be insulated is clean, dry free from other foreign matters • monitor no further painting touch-up is required • physical examination for that material applied is same as per the specification • check for uniformity of insulation surface, no gapes or voids and check for thickness • witness and inspection of all blasting, painting activities for the structures, equipment's, piping and tanks • make inspection with third party and vendor inspection for onward submission to client • preparation of project documentation, co-ordination for internal auditing • verified all equipment's calibration and material certifications • support the construction team and ensure that all quality requirements and procedures are understood. participate in weekly quality meetings • created and managed from and documents relevant to daily operations and project completion • generate weekly QC/inspection report and track • ensure all quality related documentation • carry out any additional activities as assigned by the quality manager.

ORGANISATIONAL SCAN

03-July '19 – TO 30-June-20 with Larsen & Turbo (L&T), as painting supervisor.

Growth Path:

As Painting supervisor on FNPDC Project, KSA. (Saudi Arabia).

Aug'11 – June'19 with Jai hind Projects Limited, India as QA/QC Painting and coating inspector.

Growth Path:

As QA/QC Painting and coating inspector.

Key Deliverables

• Survey of coating material and object • failure determination and analysis • coating requirements analysis • area determination • stock estimation • inspection of coating damages • quality audits • abrasive quality control • Permit to Work Coordination • surface preparation inspection • suggesting power tool for usage • preparation surface for specified standards • verify inspection records compliance and verify proper documentation compliance • making reports as per regulations.

Strong commitment to Quality, Environmental, HSE • Ensuring equipment conditions and certifications availability strictly implementing of HSE procedure.

KEY PROJECTS

Larsen & Toubro Hydrocarbon, Saudi Arabia.

Project: Farabi Normal paraffin derivative complex (FNPDC Project).

Role: Painting supervisor in Tank farm, utility block and Sleeper piping.

Client: FYPC (Farabi Yanbu Petro Chemical Company).

- Check the blasting grade standard and surface profile of blast area.
- Conduct chloride test of substrate.
- Check for residual of oil, grease chemical salts and dust deposited on the surface preparation.
- Check the weather condition RH, Ambient temperature dew point and steel temperature.
- Ensure all paint materials were approved by client.

- Dealing with client on daily basis for inspection.
- Attending mass toolbox meetings.
- Applying permit for activities associated with QA/QC painting activity.
- Ensure appropriate tools and tackles are available during work execution.
- Ensuring Procedures are available in coordination with Engineer.
- Arrangements of tools and tackles.
- Visual Inspection of Hoses for physical condition and ensuring color code is implemented.
- Ensuring pressure gauges are calibrated and valid calibration certificate is available.
- Offering Witness request to P&M for Air compressor readiness and getting fitness certificates.
- Ensuring Fire extinguisher is available at work location.
- Applying Permit for work (Cold Work, Hot Work, Work at Height etc).
- Providing Tool box talk to workmen before commencement of work.
- Ensuring PPE requirement and implementation during work execution (like hand gloves, helmets, safety glasses, reflective jacket. safety shoes. lanyards. Safety harness, ear plugs, ear muff etc).

Company: Jai hind Projects Ltd.

Project – (1) City Gas Distribution Project, Anjar, Adipur & Gandhidham City, Pipeline Dia. 8”, Length 22.5 Km.

Project – (2) Polypropylene Unit (PPU) | Mangalore Refinery phase III (MRPL).

Role: QA/QC coating and painting inspector

Executed project in pipelines where my roles are as followed.

- Conduct non-destructive and destructive testing of coating.
- Handle surveillance inspection of surface preparation, paint mixing, WFT, DFT, Adhesion and curing of paint.
- Evaluated the total paint consumption, WFT, DFT.
- Inspect painting and coating equipment on site before production.
- Check dew point, RH% and substrate temperature for suitable of blasting and coating.
- Grade the surface profile by using standard comparators(ISO surface profile comparators, replica tape ,dial gauges method).
- Conduct final coating inspection and testing of DFT,HOLIDAYS detection(low voltage DC wet sponge test and high voltage DC test).
- Prepare QC reports and job acceptance documents for project documentations.
- Monitor the quality audits, witnessing and reviewing and certifying records as per relevant specification as per clients requirement.

Project - Polypropylene Unit (PPU) | Mangalore Refinery phase III (MRPL).

Role: QA/QC Coating and painting inspector.

Executed project in pipelines where my roles are as followed.

- Certification verification of consumable (abrasive, paints, equipment) and also approval of it .
- Checking the storage of consumable.
- Assessment of substrate conditions before blasting.
- Checking the quality of compressed air before blasting.
- Checking weather condition (steel temperature, ambient temperature, dew point, RH).
- Checking the surface profile and cleanliness after blasting.
- Checking the shelf life epoxy primer and cure.
- Checking the mixing ratio and minimum temperature.
- Carrying destructive test (pull through) to ensure the adhesion of sleeve.
- Preparation of quality reports and documentation.
- Carrying final holiday by high voltages holiday detector.

Responsibilities During Static Equipment (Vessels & Tanks)

- Ensuring permit is available to work inside confined space.
- Ensuring all personnel are having confined space entry training.
- Ensuring O2 meter is calibrated and available at work location.
- Ensuring ventilation plan is implemented.
- Ensuring whole watcher is deployed at entry point and keeping the records for In / Out.
- Confirming Gas testing before entry inside.

- Ensuring exhaust fans are working fine and proper ventilation to avoid oxygen deficiency.
- Ensuring use of 24V hand lamp for lighting only inside confined space.
- Ensuring arrangement is done as per rescue plan.
- Offering internal inspection of equipment's to client.
- Ensuring permit is available to work inside confined space.
- Ensuring all personnel are having confined space entry training.
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CERTIFICATION

- BGAS-CSWIP Gread-2 certified painting inspector certified by TWI UK, with 88% in May - 2021.
- 14 Days vocational training in Bokaro Steel Plant, Jharkhand India.

EDUCATION

- B.Tech in Computer Science from Punjab Technical University Jalandhar, Punjab, India in 2010.
- Intermediate in Science from SDS College of BIEC, Patna, India in 2003.
- Matric in Science from Sonahula High School Gopalganj of BSEB, Patna, India in 2001.

IT SKILLS

- Certification in DCA (Diploma in computer application).
- Microsoft Office (Word, PowerPoint & Excel).
- Internet Applications.

PERSONAL DOSSIER

Date of Birth : 05th Feb 1987.
Address : Gopalganj - Bihar.
Passport No : K6338019 .
Driving License : India.
No. of Dependents : 5.
Nationality : Indian.
Marital Status : Married.
Languages Known : English, Hindi & Arabic (Beginner).

I **hereby** declare that the above furnished **details** are **true** to the best of **my knowledge**.

Name: Sudhakar Kumar.

Date: