



A Venkateshwaran working at Suzlon Energy Ltd, Chennai - India

Protective coating specialist having more than 8+ years of extensive experience in qualifying tubular tower steel & drive train components for C4H & C5M (marine environment). Skilled in performing destructive & non-destructive testing, repair coating defects via non-conformity report (NCR) at Manufacturing business unit (MBU) & Strategic business unit (SBU). Experienced in Supply chain management, Quality Management system, root cause analysis, carrying out supplier audit (ISO9001 & ISO14001). **NACE certified CIP level II coating inspector – Certificate no. 79883**

WORK EXPERIENCE

Suzlon energy Ltd, Chennai – Senior Engineer. Engineering & Quality Assurance

January-2016 - PRESENT

- Qualify coating & quality of gearbox, drives, tower shell, flange, frames, motors & fasteners at MBU & at supplier end as per the specification
- Surface preparation checks- Surface profile as per ISO8503-2, abrasive blasting ISO8501-1, environmental condition & salinity
- Corrosion class according to ISO12944-5
- Paint system coating for high durability - above 15 years
- Perform destructive & non-destructive testing tests as per the ISO/NACE/SSPC standards
- SPOC – global warranty claims, repair coating defects & resolving technical issues from MBU & SBU
- Review of Material safety data sheet, Technical data sheets, specification, Product part approval process (part submission warrant), 8D, technical documents & test report
- Management information system report (MIS), Single point of contact (SPOC) of Quarterly business review meeting points resolution (QBR)
- Risk based thinking & analyze via quality tools to ensure the product & process are in control and further development
- Design/ Engineering change initiation & Project initiator/ coordinator
- Global central quality assurance & support for vendor development and technical case study
- Managing the storage of Gearbox by monitoring the environmental conditions using the data logger, periodical inspection, oil flushing activity

Bharat Starts Services Pvt Ltd, Chennai - Quality & maintenance (Aviation fuel & Refueller)

February 2015 - December 2015

- Support for review of specification, material safety & technical data sheets, reports
- Periodic maintenance of aviation refueller vehicles
- Monitoring the aviation fuel storage tanks by periodic check (ambient conditions - relative humidity, Dew point, temperatures)
- Determination of water-soluble contaminants using silver & copper corrosion test
- Managing daily stocks (SAP), refuellers & shifts (Manpower)

KEY SKILLS

- Technical sound in coating application
- Adhesion test
- Cross cut & pull of test
- Flexible in using measuring equipment's (Relative humidity, Dew point, temperatures & viscosity)
- Dry film thickness (DFT) & Wet film thickness (WFT)
- Bressle patch & conductivity meter test
- Pencil hardness & Barcol hardness test
- Value engineering
- Expertise in root cause analysis (8D)
- Wind turbine tower / Drive train field validation
- Quality Management system
- Supplier Quality assurance (SQA)
- PFMEA (Process Failure Mode Effects Analysis)
- 7 QC Tools
- ISO9001:2015
- ISO14001:2015
- Expert in Drives & Gearbox (Drive train) assembly, validation & service
- Systems applications & product (SAP)
- Microsoft office tools
- AutoCAD, ProE

Achievements

- Achieved 99.8 % conformance in FY2019-20
- Reduced coating defects by 5 % in FY2019-20
- Extended engineering support for long storage of 60 gearbox at warehouse
- Root cause analysis (RCA) of bearing failure in drives
- IMS & HSS replacement at field
- Retrofit of gearbox at field with different make

CADDAM Technologies Private LTD, Chennai

January 2013 - December 2014

- Completed Diploma in AutoCAD (Pro-E, CATIA & ANSYS)
- ProE software- Sheet metal

Suzlon Energy Ltd, Chennai - Engineer

JUNE 2011- September 2012

- Support for gearbox & drives inspection at supplier end and also at field
- Review test report, provide support for technical clearance at supplier end
- Support for resolving Non – conformance report related to Drive train components
- Support for drive train / WTG field validation
- Support for doing RCA & horizontal deployment of solutions (CAPA)
- Technical support for global warranty claim management
- Support for proto validation at Tamilnadu & Karnataka site
- Support for preparing technical work instruction, compatibility of gearbox exchange
- Intermediate shaft (IMS) & High-speed shaft (HSS) replacement at field
- Gearbox replacement at field
- Retrofit of gearbox at field
- Support for endoscope inspection at tower top

Education

- K.C.G College of Technology, Chennai - Mechanical Engineering (2006-2010)
- St Thomas Matriculation Higher Secondary School, Chennai – 10th & 12th Standard (2004-2006)

Languages

- English (fluent)
- Tamil (fluent)
- Hindi (fluent)

Personal details

- E-mail address: venky198829@gmail.com
- Mobile: +91 9962990609
- Skype id: Venky198829
- Residing city: Chennai, India