

Curriculum Vitae

Sreenivas Krishnamoorthy

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CRPEP (COEPP) Reg. No.EPP/FB/92/ME/12-A

Former position – Official Designation -Senior Mechanical Engineer

Project Manager in Industrial projects

With Bilfinger Tebodin since 2012

Education: Bachelor of Technology (Mechanical Engineering) from Calicut University, India

Key qualifications & Strength

- **23 plus years** of extensive experience in the field of Mechanical engineering and offering **nearly 18 years of** cross-cultural experience in Project Management & execution, Contract administration, Quality Assurance & Quality Control Functions, Destructive & Non-Destructive Testing and Welding.
- Expertise in managing industrial projects in diverse industries such as Major Industrial projects including Marine & Jetty, Refinery & Petrochemical, Desalination Plants, Pumping Stations & Smelter Industry.
- Expertise in preparation & implementation of Inspection & Test Plan (ITP), project specific procedures and method statement for fabrication/construction/welding/NDT procedures/hydro static test procedures/painting.
- Extensive experience in managing project QA/QC activities, qualification of welding procedures and monitoring welding jobs across projects; well versed with welder performance qualification tests and maintaining qualification.
- Possess sound knowledge of various international codes AWWA, API, ASTM, ASME, BSEN, AWS and ASNT.
- Possesses excellent Relationship Management and Communication skills.

MANAGERIAL ABILITIES

- ◆ Supervising the process from the conceptual development stage, making sure that the project gets done on time and within budget.
- ◆ Leading a team of professionals; ensuring suitable deployment and timely availability of manpower (designers & engineers).
- ◆ Providing the various coordination meetings between the various organisations/stake holders during the project execution to ensure completion of project in time with all quality and safety standards.
- ◆ Identifying areas of concern and taking corrective and preventing actions and ensuring viable solutions and carrying out analysing functions including identification of key issues in the project.

CERTIFICATIONS

- ◆ AWS Certified Welding Inspector from American Welding Society consecutively for 9 years.
- ◆ CSWIP Welding Inspector from The Welding Institute, Cambridge, United Kingdom for 10 years.
- ◆ Certificate of Successful Completion of Certified Lead Auditor by Bureau Veritas.
- ◆ Project Management Professional Training Course conducted by Novatech.
- ◆ ISO 9001:2008 QMS Internal Auditor from West Asia Quality Management Services, Dubai.

SKILL SET

◆ **Project/Construction Management Experience**

- Proficient in developing Conceptual, Basic and Detail Engineering procedures and accessing project plan
- Reviewing Client / Vendor documents and getting clarification/confirmation on the same
- Participating in HAZOP study and implementing in Project procedures for safe operation
- Participating in SIL review meetings and defining the safe guard of the system
- Discussing Cost effective economical design criteria and best practices with engineers

◆ QA & Co-ordination

Quality

- Monitoring project activities & coordinating with various agencies to maintain targeted schedules; reviewing project procedures and ITP
- Preparing Project Quality Plan and Inspection Procedure & Categorization Plan as per QA&I deliverables
- Examining and approving Material submittal, material receiving inspection report of incoming project materials and reviewing MTCs.
- Identifying the non-conformances, addressing them in the Non-conformance report (NCR) and resolving them through preventive actions; maintaining the NCR log book and following up to close NCRs.
- Reviewing Project submittals including the Welding Procedure Specifications (WPS), Procedure Qualification Records (PQR), Welder Performance Qualification Records, Welder Continuity Records, Weld Maps & Welding Data Sheets.
- Developing procedures on NDT and Hydro Testing; examining the test packs and creating final documentation.
- Maintaining the flow of Piping Test Packages between Subcontractor, Contractor, TPI and Representatives; handling troubleshooting, failure analysis, root cause analysis & metallurgical evaluations.
- Maintaining quality standards for Equipments & materials, ensuring stringent adherence to quality standards, norms & practices; conducting internal audits & external audits of Quality Management System.
- Working in close coordination in work groups for conducting process audits and conducting review and approval of quality plans and detailing on quality requirements and finalizing the quality plan.

Coordination

- Coordinating with Certifying Authority, Client, Job Sharing personnel and subcontractor assuring conformity to project specifications.
- Interacting with company representatives and ensuring product conformity & stage release for each activity denoted within the Project Quality Plan / I.T.P.

Since 2012 in Bilfinger Tebodin Middle East Ltd. (Designation- Senior Mechanical Engineer)

- ◆ Project Manager (Industrial project Executions) - 2014 to 2018
Conceptual Design Engineering & Execution of new Green field Coca Cola project in Qatar and Saudi Arabia.
Also Involved in the Gas line & Skid arrangements of the above two projects for the utility boiler connection from design to execution stage.
- ◆ Construction Manager (2014 to 2015)
As Construction Manager involved in the MONDELEZ Gas line and main plant at BIIP in co-ordination with BAPCO
- ◆ 2013 to 2014
Involved in QA site surveillance for the JBF Gas line and skid in co-ordination with BAPCO
- ◆ Project Manager - Construction Management Executions (2013 to 2014)
Involved and lead the Procurement (during construction), Execution and Commissioning of BASF Plastic additives Industrial Plant at BIIP
- ◆ Also involved in QA site surveillance for **Bitumena Plant** in BIIP
- ◆ Lead project contact (Executions) (2012 to 2013)
Involved in the site Execution, QA surveillance and commissioning of 20" High Pressure NG pipeline for SULB in co-ordination with BAPCO

Other Duties and Responsibilities:

- Planned, directed, and managed designated projects
- Preparation of Project Execution Plan
- Coordinated the successful simultaneous development of several projects.
- Monitoring the Project Schedule with actual work progress.
- Internal coordination with all relevant disciplines engineers for the design works and progress.

- Negotiated contracts that ensured quality
- Safeguards quality, time (planning and progress), budgets and HSE..
- Sees to complete, correct and timely flow of information to all stakeholders (client, LDE's, others).
- Initiates design reviews also with regard to safety for construction and operation and follows up the corrective measures.
- Is responsible for the execution of the project in accordance with the contract.
- Design and progress Co-ordination with client or their representative.
- Professional "control on projects", minimizing risks, including: project planning, project status, progress, forecast, and scope change-management and contract management.
- Continuous improvement in a consistent and structured approach, towards project preparation and execution, enhancing an efficient project implementation phase.
- Emphasis on lessons learned in "Safety in design" during project development phase and "Safety during construction", to achieve Bilfinger Tebodin's safety targets.
- Managing the project successfully on both internal aspects and external aspects against contractual obligations, client expectations

1997 - 2012

**Ahmed Mansoor Al-A'ali Bsc, Kingdom of Bahrain as
Project Manager - Project Constructions & QA/QC
Manager (previous employer)**

RIFINERY & PETROCHEMICAL PROJECTS MANAGED AT AMA

- ◆ NG pipe line for Siemens / Al Ezzel power plant
- ◆ Associated Gas lines and reducing station for Alsthom Power plant phase-II
- ◆ Upgrading of Platformer/ Unifiner Relief System for Sapco at Site
- ◆ Fabrication & Erection of Steel Structures for RGDP Refinery
- ◆ Fabrication, Erection and Testing of Bulk Urea Plant for Gulf Petrochemical Industries Ltd

SIGNIFICANT CONTRIBUTIONS AT AMA

- ◆ Management Representative (MR) for ISO 9001: 2008 Quality System with complete accountability of preparation of quality manual, quality procedures, work instructions, formats for industrial project departments and other documentation as per ISO 9001-2008
- ◆ Played a pivotal role in approving pre-qualification documents for clients for vendor qualification
- ◆ Successfully leading the team in obtaining U, S, R Stamps and ISO-9001 Certification
- ◆ Worked in close coordination with Client and Third Party Inspection Agencies.
- ◆ Successfully participated in project review meetings, technical kick-off meetings with client and meeting in Montreal, Canada with Bechtel
- ◆ Instrumental in conducting internal audits and issuing NCRs for violation found during inspection; also conducted Visual Inspection on Critical Welds and parent material
- ◆ Carried out quality surveillance activities in Shop Floor and sites

PROJECTS MANAGED

- ◆ Fabrication, Erection and Testing of Bulk Urea Jetty Ship Unloader, Conveyor, Plant for Gulf Petrochemical Industries Ltd.

EPC Contractor: Mistubishi Heavy Industries Ltd. and

GPIC

Period: 1997 – 99

Role : Area Piping Engineer / Test Packager

International Code Used : ASME SECIX & B 31.3

- ◆ Construction of 2 Nos. of Liquid Pitch Tank facility for ALBA JETTY project

EPC Contractor: FCB

Period: 1998 – 99

Role : Site & Fabrication Engineer

International Code Used : AWWA, ASME SECIX & B31.3

- ◆ Construction of 12 Nos. of Potable Water Storage Tanks for Ministry of Electricity & Water

EPC Contractor: Binnie & Partners

Period: 1998 – 99

Role : Fabrication Engineer

International Code Used : AWWA, ASME SECIX & B31.3

- ◆ West Rifa'a 2 BS and Upgrading of Existing West Rifa'a-1 Blending Station for Ministry of Electricity & Water

EPC Contractor: Binnie & Partners

Period: 1999 – 00

Role : Fabrication Engineer

International Code Used : AWWA, ASME SECIX & B31.3

- ◆ Upgrade Platformer/ Unifiner Relief System for Bapco at Site

EPC Contractor: Foster Wheeler

Period: 2000

Role : Site QC Engineer

International Code Used : ASME SECIX & B31.8

- ◆ Compressor Air Receiver for Bapco

EPC Contractor: Foster Wheeler

Period: 2001

Role : Site QC Engineer

International Code Used : ASME SECIX & B31.8

- ◆ Supply, Fabrication and Installation of Structural Steel for Hidd Power Plant Phase-II, BOP & Gas Lines

EPC Contractor : Alsthom / Ministry of Electricity & Water

Role: Site Superintendent

Period: 2002

International Code Used : BS 5950 ASME SECIX & B31.8

- ◆ Fabrication of Pot Shell for Line-5 Expansion Project

EPC Contractor: Bechtel / Alba

Period: 2003 - 04

Role : Project Constructions & QA/QC Manager

International Code Used : AWS D1.1 & NF

- ◆ Fabrication & Installation of Green Anode Paste Plant

EPC Contractor: Solios Carbon / Bechtel / Alba

Period: 2003 - 04

Role : Project Constructions & QA/QC Manager

International Code Used : BS 5950, BS 287-1, BS 288-3

- ◆ Fabrication & Installation of Gas Treatment and Fume Treatment Centres

EPC Contractor: Solios Environment / Bechtel / Alba

Period: 2004 - 05

Role : Project Constructions & QA/QC Manager

International Code Used : BS 5950, BS 287-1, BS 288-3

- ◆ Complete Structural & Mechanical Works for Power Station

EPC Contractor: Alsthom / Alba

Period: 2003-05

Role : Project Constructions & QA/QC Manager

International Code Used : BS 5950 ASME SECIX & B31.8

- ◆ Fabrication & Erection of Holding and Melting Furnace

EPC Contractor : Solios Thermal/ Bechtel / Alba

Period: 2004-05

Role : Project Constructions & QA/QC Manager

International Code Used : BS 5950, BS 287-1, BS 288-3

- ◆ Structural Steel Fabrication (4100T) for Cement Plant

EPC Contractor: fcb.ciment / Qatar National Cement Co.

Period: 2005 – 06 & 2007 - 08

Role : Project Constructions & QA/QC Manager

International Code Used : AWS D1.1, ASME SECIX

- ◆ Site Erected Tanks & Associated Works for Power Plant

EPC Contractor: Siemens / Al Ezzel / Ministry of Electricity & Water

Period: 2005 – 06

Role : Project Constructions & QA/QC Manager

International Code Used : API 650, ASME SECIX

- ◆ Fabrication of Furnace Casings for Iceland Smelter

EPC Contractor: Solios Thermal/ Bechtel / Fjardaal

Smelter

Period: 2005 – 06

Role : Project Constructions & QA/QC Manager

International Code Used: BS 5950, BS 287-1, BS 288-3

- ◆ Structural Steel Fabrication and Erection for GIIC Expansion Work

EPC Contractor: Kobelco / GIIC

Period: 2005 – 06

Role : Project Constructions & QA/QC Manager

International Code Used : JIS & ASME SECIX

- ◆ Fabrication of Heat Transformers for Hidd and Layyah, Sharjah Power Plants

EPC Contractor: Sidem / Ministry of Electricity & Water

Period: 2006 - 07

Role: Project Constructions & QA/QC Manager

International Code Used : ASME SECVIII, ASME SECIX

- ◆ Fabrication & Erection of Steel Structures for RGDP Refinery

EPC Contractor: Foster Wheeler / Bapco

Period: 2006 - 07

Role: Project Constructions & QA/QC Manager

International Code Used : AWS D1.1, ASME SECIX

- ◆ Fabrication and Erection of Crane Girders

EPC Contractor: NKM Noell / Snc-Lavlin / DubaL

Period: 2006 - 07

Role: Project Constructions & QA/QC Manager

International Code Used: AWS D1.1, ASME SECIX

- ◆ Fabrication & Installation of Green Anode Paste Plant

EPC Contractor: Solios Carbone / Bechtel / Sohar

Smelter

Period: 2006 - 07

Role: Project Constructions & QA/QC Manager

International Code Used : BS 5950, BS 287-1, BS 288-3

- ◆ Fabrication of Pot shell for Sohar Smelter

EPC Contractor: Bechtel / Sohar Smelter

Period: 2006 - 07

Role: Project Constructions & QA/QC Manager

International Code Used: AWS D1.1 & NF

- ◆ Structural steel fabrication for Arcapita Bank HQ
EPC Contractor: Donges / Nass-Murray / Mace / Atkins
INFRA
Period: 2007 - 08
Role: Project Constructions & QA/QC Manager
International Code Used: NSSS, BS
- ◆ Complete Structural Steel Fabrication & Erection of all
Mechanical Works for Pellet Plant No. 2 Expansion
EPC Contractor: Kobelco / GIIC
Period: 2007 - 08
Role: Project Constructions & QA/QC Manager
International Code Used : JIS & ASME SECIX
- ◆ Fabrication of Pot Shell for Qatalum
EPC Contractor: Hydro / Qatar Aluminium Ltd.
Period: 2007 - 09
Role: Project Constructions & QA/QC Manager
International Code Used : ISO, BS
- ◆ Fabrication and Erection of Green Anode Paste Plant for
Qatar Aluminium Smelter
EPC Contractor: Solios Carbone / Snc-Lavlin / Sohar
Smelter
Period: 2007 - 09
Role: Project Constructions & QA/QC Manager
International Code Used: BS 5950, BS 287-1, BS 288-3
- ◆ Fabrication and Erection of Liquid Pitch Facility for Qatar
Aluminium Smelter
EPC Contractor: Solios Carbone / Snc-Lavlin / Sohar
Smelter
Period: 2007 - 09
Role: Project Constructions & QA/QC Manager
International Code Used: BS 5950, BS 287-1, BS 288-3
- ◆ EPCM of 13 new Water Pumping Stations
EPC Contractor: Black & Veatch / Ministry of
Electricity & Water
Period: 2006 - 09
Role: Project Constructions & QA/QC Manager
International Code Used : AWWA, ASME SECIX
- ◆ Fabrication of Pot Shell for Emal Smelter
EPC Contractor: Snc-lavlin/Worley Parson / Emal
Period: 2008 - 10
Role: Project Constructions & QA/QC Manager
International Code Used : AWS D1.1 & ASME
- ◆ Fabrication and Testing of Pot Crucibles and Accessories

EPC Contractor: Snc-lavlin/Worley Parson / Emal

Period: 2009

Role: Project Constructions & QA/QC Manager

International Code Used : AWS D1.1 & ASME

- ◆ Fabrication of Condenser Vessels

EPC Contractor: Entropie / Alba

Period: 2009 - 10

Role: Project Constructions & QA/QC Manager

International Code Used : ASME SECVIII & IX

- ◆ Fabrication of Module Racks and Silos for Water Desalination Plant

EPC Contractor: Degremont / Hyundai

Period: 2009 - 10

Role: Project Constructions & QA/QC Manager

International Code Used : ASME

- ◆ EPC of Water Transmission Facilities for Bahrain Financial Harbor

EPC Contractor: Atkins / Ministry of Electricity & Water

Period: Since 2010

Role: Project Constructions & QA/QC Manager

International Code Used : AWWA, ASME SEC XI

- ◆ Fabrication & Erection of Hanger Structures for New International Airport, Doha

EPC Contractor: Reel / Bechtel

Period: Since 2010

Role: Project Constructions & QA/QC Manager

International Code Used : AWS D1.1 & ASME

- ◆ Fabrication of Pot Shell for Ma'aden Smelter

EPC Contractor: Bechtel / Ma'aden

Period: Since 2010

Role: Project Constructions & QA/QC Manager

International Code Used : AWS D1.1 & NF

- ◆ Fabrication & Supply of Steel Structures for SULB DR Plant

EPC Contractor: Kobelco / GIIC

Period: Since 2010

Role: Project Constructions & QA/QC Manager

International Code Used : JIS, ASME

- ◆ Fabrication & Erection of Steel Structures for STG BUILDING

EPC Contractor: Bapco Technip / Bapco

Period: Since 2010

Role: Project Constructions & QA/QC Manager

International Code Used : AWS D1.1, ASME SECIX

Production Engineer

Arresting of leakage and Installation of Valves on SHW Platform, Mumbai High. (On shore & Off shore)

Job Responsibilities :

1. Supervision of the repairs to be carried out.
3. Regulating of the work for the fit up of new valves.
4. Controlling the use of materials, consumables and resources.
5. Coordinating with the Quality Control Department to check for perfection or defects in the installation.
6. Effectively handling the manpower resources to complete the project on time.

1993 - 1994

The Aluminium Industries Ltd, QA & Testing Engineer

Personal data

Last name	Krishnamoorthy
First name	Sreenivas
Year of birth	1971
Nationality	Indian

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