

## CURRICULUM-VITAE

**NEERAJ JAIN** , B.E.(Mech)-NIT; CEM, CEA-BEE, PGDEM

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### EXECUTIVE SUMMARY :

- A senior technocrat with insightful experience & practical innovations in the field of EHV Transmission , Greenfield/Brownfield industrial projects ; Managing plant operations ; Implementation of SAP , Integrated Management System (IMS) standards , Asset Management System (AMS) standards ; Adopting new technologies for operation/asset excellence .
- Overall 26 yrs of experience in both medium and heavy industries in projects / operations . Has served various reputed industries viz. Sterlite Power , Crompton Greaves , Andritz Hydro , Apar(Uniflex) Ltd. in India and MESC in the middle east . Has track record of working across functions to collaborate and deliver value to business while ensuring the interests of all stakeholders .
- Has executed transmission line projects , industrial projects ; built-up and managed production , procurement , quality , O&M , EHS functions in the field of power transmission ; capital goods manufacturing (specifically traction/industrial drives , large hydro/turbo generator , optical fiber and optical fiber cable manufacturing) .
- A mechanical engineering graduate from NIT, Bhopal with additional qualifications as certified energy manager/auditor from BEE, Ministry of Power , Govt. of India ; PGDEM from EPCO , Govt. of M.P. ; certified lead auditor for ISO,OHSAS & EMS from BVCI .
- Key Skills : Team Building , Project Management , Operation Management , Lean Manufacturing , Six Sigma .



### WORK EXPERIENCE:

#### **Sterlite Power, India as AVP-Asset Management /Head O&M (TL) | June 2016 to Dec.2020 :**

- Built up the team (350+ manpower) for managing the O&M of transmission lines under 11 SPVs(ENICL, BDTCL,JTCL , PKTCL, MTL, RTCL, NRSS,OGPTL,PTL,GPTL,KTL) spread across 14 states in India .
- Driven and managed successfully O&M of 6000+ circuit km of 400/765kV transmission lines (52 elements) and the associated OPGW network .
- Achieved transmission line availability of 99.5 to 99.75% at SPV level achieving 100% revenue (~INR 12000 million) and high incentive (INR~320 million) .
- Led 3 Projects for Restoration of 765kV Transmission Lines damaged under force majeure conditions in central India .
- Executed the Restoration of 400kV Transmission Line across Ganga ; it involved construction of heavy pile foundation in the river-bed . Achieved successful closure of the insurance claim .
- Collaborated with Ukranergo , Ukraine for finalizing and implementing the O&M strategy for 400kV Samba-Amargarh line which passes through snow bound areas of J&K .Visited 750kV Kiev-Rivne Line in Ukraine .
- Attended Utility Tech-X at Singapore and delivered a session on " Surveillance & Management of EHV Transmission Lines using the Drone Technology"
- Implemented Integrated Management System (ISO 9001, ISO 45001 & EMS 14001) & Asset Management System (ISO 55001) standards ; Implemented SAP LAM .
- Annual Operating Plan , Annual Budget, Risk Mapping & Review , Predictive/Preventive Maintenance strategies & plans .
- Data Analytics & deployment of data enabled asset management practices .
- Asset Risk Register, Tower Schedule , Critical Location List .

- Pre-charging survey, punch-point rectification , HOTO & Line Charging in case of new projects .
- Technical support , SoW to SCM for finalizing the AMC contracts.
- Strategies for inventory management , ERS deployment . RCA of Trippings/ARs .
- Resolved critical RoW issues .
- Attended the OCC meetings and coordinated with RPC/RLDCs .
- Implemented state of art technologies viz. Aerial Surveillance using Drone/Helicopter for condition monitoring of transmission lines.
- Implemented predictive maintenance practices e.g. Thermovision Scanning , TFR , LiDAR survey,etc .
- Conceptualized,planned and implemented Project **ARISE**(Asset Reliability Improvement & Sustainability Enhancement) for defect rectification and management of annual maintenance contract ; and Project **RADAR**(Regular Analysis and Due Actions for Reliability) for regular analysis of Tripping/AR related data .
- For addressing reliability issues requiring high capex initiated , planned and implemented **REAL**( Reliability Enhancement & Asset Longevity) Program .
- Various reliability measures taken improved the quality of assets & enabled the formation of the first InVIT i.e. Indigrid in transmission sector and it fetched a high monetary premium to the company .

**Crompton Greaves (CG Power and Industrial Systems), India as Sr. Manager-Operations | May 2010-April 2016 :**

- Executed the Green Field construction project (~INR 1000 million) for setting up the facility for manufacturing Traction & Industrial Drives and then developed the facility for assembling Industrial Drives with the support of Emotron , Sweden . Key member of the team which completed the acquisition of NELCO ,a TATA enterprise, for manufacturing the Traction drives. This entire facility is now contributing INR 3000 million to CGPIS top-line .
- During the project liaised with various statutory bodies viz. Electrical Safety , Pollution Control Board , AKVN, Industrial Health & Safety for various statutory approvals ; finalized the specifications of various utilities including DG Set , EoT Cranes, Transformer , Substation Equipments and procured , installed and commissioned them successfully.
- Successfully implemented ISO 9001, OHSAS 18001 & EMS 14001 System standards.
- Led the ERP project & Implemented SAP for manufacturing VFDs as per the configurable BoMs.

**Andritz Hydro Ltd , India as Manager-Maintt. & Environment | Dec.2004- May 2010 :**

- Managed the responsibilities of the 3 cost centers viz. Plant Maintenance, Building Maintenance & Energy including the statutory compliances pertaining to PCB, Electrical Safety, Industrial Health & Safety.
- Planned & Executed the brown field project (~INR 800 million) for expanding the capacity by 80% .
- Collaborated & coordinated with all stakeholders viz. local govt. bodies, consultants, contractors (Civil , MEP, HVAC) , Equipment Suppliers . Completed the project within schedule and the approved budget . Managed the team of 400 plus workmen & ensured compliance to EHS norms
- Apart from extending the shopfloor (bearing strength 30T/m2) by about 50,000 sq ft.constructed G+3 storey new administrative building , 200KL underground water tank with Hydrant System and expanded the power-house building.
- Also procured, installed and commissioned various heavy machineries viz. VPI , Ovens , EoT Cranes , 2.5MVA transformer , etc.
- The expanded facility improved the top as well the bottom line of the company doubled the turnover.

**MESC , Saudi Arabia as Production Manager | Nov.1999- July 2004 :**

- Stabilized the optical cable manufacturing facility which is known as Middle East Fiber Optic Cable (MEFC) manufacturing Company .
- Developed 300+ indoor/outdoor optical fiber cables with customized designs & supplied them to reputed customers like Saudi Telecom , Aramco, Jordan Telecom , ADWEA , Bechtel , JGC, Chiyoda , AEG (Netherland) , Cal-cable (USA),etc. It improved rate of conversion of inquiries into order confirmation and established this company as leading manufacturer of optical fiber cable in MENA region.

- ⚙ Implemented ISO 9001 standards .
- ⚙ Managed various responsibilities of production , planning , reviewing customer inquiries, processability trials , CAPA , development of process tools & manpower training
- ⚙ Worked as functional lead for implementation of BoM, WIP, Inventory module of Oracle Financial .
- ⚙ Produced various special optical fiber cables viz. lead sheathed , steel wire armoured , mica tapped fire-resistant , simplex, duplex, zipcord etc.

#### **Apar (Uniflex) Ltd., India as Asstt . Manager-PPC | March 1995- Nov. 1999 :**

- ⚙ Commissioned the plant after the installation of all the machineries from SwissCab , Switzerland .
- ⚙ Built up the team for running various production lines .
- ⚙ Completed the Type Approvals from DoT for various cables in record time of 3 months .
- ⚙ Completed the Type Approvals from GAIL, RDSO, MTNL .
- ⚙ Implemented ISO 9001 System standards .

#### **Sterlite Industries India Ltd. as GET (Plant Maintenance) | Nov.1994- March 1995:**

- ⚙ Improved the throughput of the Tandem Lines by reducing the instance of conductor breaks.



#### **EDUCATION**

- ⚙ B.E. (Mechanical) from REC Bhopal (MA-NIT) in 1994 with 75.8%.
- ⚙ Higher Secondary in 1989 with 84.5% (Position in merit-list)
- ⚙ High School in 1987 with 81.5% (Position in merit-list)
- ⚙ PGDEM from EPCO , Bhopal , Govt. of M.P. (75%)



#### **CERTIFICATIONS**

- ⚙ Lead Auditor-ISO 9001:2015 ; ISO 14001:2015 ; ISO 45001:2018
- ⚙ Undergone training for Live-line Maintenance with hot-stick method at NPTI , Bangalore .
- ⚙ Energy Manager from BEE , Govt. of India ;Energy Auditor-BEE, Govt. of India .
- ⚙ Trained in SAP R/3 PP (SAP R/3 4.7 and APO 3.1) in SCM-Manufacturing at Sapient College, Siemens Information System Ltd.



#### **AWARDS / ACHIEVEMENTS**

- ⚙ Various performance related awards viz. Achiever , Game-Changer , Transformer etc. at SPGVL , CGL , Andritz , etc.
- ⚙ First runner-up in "Corporate-Quiz-2006" organized by Hindustan Times & SOS village , Bhopal.
- ⚙ Winner in "Corporate-Quiz-2007" organized by Hindustan Times & SOS village , Bhopal.
- ⚙ Received about 50 plus certificates for participation/excellence in extra-curricular/academic activities.
- ⚙ Was awarded Copyright (Diary# 54996/2014-CO/L) under Copyright Act of India for innovative concept for mass movement in the field of Energy Saving . The concept is named as "Jan-Shakti Power Plant".
- ⚙ Idea for innovative fuel using Crop Stubble & Waste Engine Oil (Application #201911010189) published under Indian Patent Act 1970



#### **PROFESSIONAL TRAININGS :**

- ⚙ Certificate Program on Design Thinking by Infosys Consulting .
- ⚙ Internal quality audit, reporting & follow-up of the ISO 9001:1994 system procedures by Rao & Associates
- ⚙ Internal quality audit , reporting and follow-up of the ISO 9001:2000 system procedures by RWTUV , KSA
- ⚙ Internal quality audit , reporting and follow-up of the ISO 55001:2014 system procedures by BVCI , India.
- ⚙ Workshop on "Energy Efficiency Capacity Building" conducted by IRG, New Delhi in association with World Bank

- 🎧 Workshop on IMS ISO 9001, EMS 14001& OHSAS 18001 conducted by BVCI
- 🎧 Six Sigma Black Belt at CG MDC ; LEAN Manufacturing & 5S
- 🎧 Finance for Non-Finance People ; Seven Habits of Most Effective People by Franklin Covey Institute
- 🎧 MOST (CGPS) Enabler , MOST (CGPS) Applicator, MOST (CGPS) Auditor
- 🎧 EDP on Solar Energy at KVIC, Mumbai.

📅 **DATE OF BIRTH** : 04-10-1971

📖 **REFERENCES :**

- 🎧 Mr.Mohit Saxena , VP Human Resources, Sterlite Power ; M:095600-55505
- 🎧 Mr. Venkatesh Murthy , COO , Sterlite Technologies ; M:099740-85528

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