

HARISH VASANTHAKUMAR

kalkish@gmail.com

+91 9025254454/ 9789107382

Career Objective: Enlarging essential engineering skills by technology adaptation and working as a comprehensive professional for mutual growth.

PROFESSIONAL EXPERIENCE

SESA IRON ORE LIMITED-Goa, November 2020- Till date (Under Deputation)

Electrical Engineer

- ✓ Erection and Commissioning of Pig Iron casting machine and EOT cranes (Debottlenecking project)

HINDUSTAN ZINC LIMITED -Chittor, Rajasthan-November 2019- October 2020

Electrical Engineer

- ✓ Commissioning of 160,000 TPA Fumer Plant,which owns Chinese technology.
- ✓ Implementing O&M system and providing necessary training to start and run the plant.

STERLITE COPPER-Tuticorin, TN & Silvassa-December 2015- November 2019

Electrical Engineer

Looking after production plant maintenance activities (Refinery, CCR and PMB) in 4.0 LTPA Copper Smelting plant.

Key deliverables:

- ✓ Installation, commissioning and Maintenance of HT/LT Switchgears, 12 MVA-5 MVA Rectifier transformers (Alstom/ABB),DC bus bars, Shorting Switches, HT/LT capacitor banks, EOT cranes (24 +6 T), Thyristor controlled furnaces, LT motors, UPS system and Lighting loads.
- ✓ Adopted with SAP ERP R3 Modules (Production management, Inventory management and Maintenance modules).
- ✓ Implementation of Data analysis system LEAN, Six sigma tools, ECA, RCA, FMEA CBM, TPM and TQM maintenance strategies.
- ✓ Testing of Siemens HT Breakers relays and energy meters.
- ✓ Maintenance of Instrumentation sensors, transducers, controlling devices like flow meters, valves, gauges and limit switches.
- ✓ Adapted to plant employee engagement initiatives like Kaizen, 5S, BBS and Safety steward system.

- ✓ Awarded as CEO kitty for achieving highest copper production by increasing current density of rectifier system.
- ✓ Awarded several times as a part Team of month –employee award winning system of management for production improvement /Breakdown reduction.
- ✓ Electrical Supervisor competency certified.
- ✓ SOP/SMP creation and revision, EMS, Permit system, LOTOV and Maintenance activities under shifts.

HINDUSTAN ZINC LIMITED – Dariba, Rajasthan · December 2011 – December 2015
Electrical and Instrumentation Engineer

Responsible for Installation, Commissioning & Maintenance, Material & Man power management of 2.0 MTPA and 1.7 MTPA Zinc Smelting Complexes.

Key deliverables:

- ✓ Installation, commissioning and Maintenance of production plant equipments like HT/LT Switchgears, HT/LT Motors (3.1MW, 1.8MW), HT/LT Transformers, HT Capacitor banks, DG system, DCS, SCADA, PLC automation modules and UPS system.
- ✓ Installation, commissioning and Maintenance of HOT ESP, WET ESP and EOT cranes.
- ✓ Implementation of Technological tools like MEGGER -underground cable fault detector, POWER LOGGER for minimizing breakdowns in electrical system.
- ✓ Testing of AREVA Breakers, MICOM relays and relay co-ordination.
- ✓ Maintenance of Instrumentation measurement and controlling devices.
- ✓ Adapted to Du pond strategies, Kaizen and 5S.

VEDANTA ALUMINIUM LIMITED -Jharsuguda, Orissa· June 2011 - December 2011
Electrical Engineer

Responsible for commissioning and maintenance of Transformers, Bus Bars, Pot Controllers and supporting Electrical Equipments installed in Aluminum smelting plant.

SHRIGANESH BIZTECH PVT LTD- Salem, Tamilnadu .January 2011 -May 2011
Functional Consultant

Responsible for Implementation and Testing of Open bravo (open source) ERP software.

- ✓ Successfully developed and delivered product of Open bravo ERP to Client Companies (Megawin Switchgear Private limited, SSM) as per requirement.

SonaSPEED - Salem, Tamilnadu. May 2010- September 2010

Research Assistant

Responsible for providing technical support to the R&D team for developing of Special Electrical motors and drives.

- ✓ Part of Development of Slot less Brushless DC Motor project, given by ISRO.

ACADEMIC RECORDS

- ✓ Completed Bachelor of Engineering in Electrical and Electronics – 79 %, Graduated as first class with distinction in Sona college of Technology, Affiliated by Anna University, Guindy.
- ✓ Certified for course completion of Networking & Administration and Computer Hardware Maintenance & Servicing in IGNOU Study centre, Salem.

PERSONAL DETAILS

Date of Birth : 16.03.1989

Nationality : Indian

Language known :

- ✓ To Speak: Sourashtra, Tamil, English and Hindi
- ✓ To Write and Read: Tamil, English

Hobbies : Literature works in regional language (Tamil)

Nature : Self-Motivated and Quick learner

Marital status : Married

Children : One Son and One Daughter

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date:

Place:

(V.HARISH)