**SUMANT KUMAR VERMA**

**Present Location: Raigarh (Chhattisgarh)**

**Mobile: 7830681843, 7024655859, E- mail: - skverma987@rediffmail.com, skv987@gmail.com**

**Objective:**

Seeking to explore my enriched and in diversified technical proficiency in Thermal Power Plant Mechanical Maintenance field, with focus on Career-development and organizational growth through Cost Saving.

**PROFESSIONAL PROFILE**

**Thermal Power Plant (TRN Energy Pvt. Ltd. 2 x 300 MW, Raigarh, Chhattisgarh, 14/01/17-Till date):**

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| **Sr. Manager (TG+BOP+Utility)**  **14/01/17-Till date** | Overseeing Maintenance of **TG, Pumps, CT Fans, Compressors, DM Plant & Utilities**. |
| Spares, Vendor development and Supply chain management. |
| Overseeing Maintenance of **HVAC, Diesel Driven Pumps, Plant Fire-Fighting System .** |
| Additional in-charge for Plant Ventilation & WTP Systems. |
| Overseeing a team of 100 Technical personnel. |
| Imparting knowledge to engineers for Industrial Safety & Technical Training. |

**Achievements:**

* Resolving long pending AFT cut-out issue of main plant AC (Chiller System) for CCR/ other control stations.
* Overhauling of 03 Nos Intake Pumps with no spares used since June 2017. Saved approx. Rs. 10 Lac/annum.
* Rectifying high vibration problem of CW Pump #1A, resulted saving spares-cost worth Rs. 28 lacs.
* Rectified BFP NDE side Y-Axis vibration high problem. No reoccurring of problem since Apr 2017.
* On Job Training of Engineers upon rotary equipment.
* Leading from front to extinguish huge fire, broke at old equipment storage area (Mar 2017).
* Headed a team of 12 personnel from front for effective control the flood arose at Intake Pump House.
* Equipment / Spares and vendor management for TG, DM Plant & BOP Area.

**Thermal Power Plant (Talwandi Sabo Power Ltd. 3 x 660 MW, Mansa, Punjab, 01/02/2014 to 14/12/2016):**

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| **DGM (SIMAR Infrastructures Limited)** | Leading a team of 40 Mechanical Engineers/supervisors & 200 workmen for defect diagnosis / Root Cause Analysis and defect rectification within scheduled job-time. |
| Overseeing Annual Mechanical Maintenance of TG, BOP, Boiler, Coal Mills & AHP. |
| Overseeing Plant Machinery as per plant, Safety and Firefighting standing instructions. |
| RCA, HIRA, Kaizen reports / documentation and implementation of SMP at site. |
| Conducting First Aid and Fire Fighting mock drill for Engineers, Supervisors & Workmen. |
| Conducting CSR activities for villagers, schools and plant land-looser. |
| Conducting Technical On Job Training for TSPL & SIMAR GETs / GTs. |

**Achievements:**

* Mobilising first site on behalf of SIMAR Infrastructures Limited as direct tier-1 contractor to VEDANTA group.
* “ZERO” LTI during entire tenure at TSPL Site.
* Permanent diagnosis for Coal Mill #2 B, tripping due to high metal temperature.
* Trained all work-men (up to helper level) for safe and effective use of portable Fire Extinguishers.
* Handy method to avoid spillage of fly-ash during loading of bulkers.
* Training client Graduate Trainee / GETs regarding operation and fault finding in Emergency Diesel Fire Pumps.
* Conducting classes for GETs of SIMAR as on job training, on daily basis.
* Active participation as team during plantation of Record 2.2 Lacs saplings in 2015.

**Projects (EPC) & Commissioning (Vedanta Aluminium Ltd. Jharsuguda, Odisha, 07/03/2007 to 31/01/2014)**

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| **Resident Manager,**  **Techno Electric & Engg. Co. Ltd.** | Leading a team of 40 Mechanical Engineers/supervisors & 600 work-force. |
| Successful completion of 02 projects (Smelter-1 & 2) with no LTI / Fatal injury. |
| Leading Safety Audit and Safety Compliance to achieve “ZERO HARM” at project site. |
| Successful Fabrication, Erection & commission of 5.5. & 12.5 Lac TPA Bus-Bar System (320 & 360 KA Current) at Vedanta Aluminium Limited, Jhasruguda. |
| Documentation of Safety & SOP at site. |
| Onsite Training of engineers / Workmen for Firefighting & First Aid. |
| Eliminated one of the commissioning problems, with requisite SOP for client. |

**Achievements:**

* Mobilising site on behalf of Techno Electric & Engg. Co. Ltd. at Jharsuguda, Odisha.
* “One” LTI during entire tenure of 07 years, at Vedanta Aluminium Site.
* **Received Honorarium at site (Rs. 10 Lakhs,Twice) for excellent, Speedy & safe execution of Pot-Line job in record time.**
* Developing vendor for Argon Gas supply for MIG Aluminium welding. Thus saving Rs**. 52 Lac in 03 yrs**.
* By method study of MIG Welding (500 Welders), saved approx. **2.92 Cr. in 03 yrs**, against cost of Teflon liners.
* **Ranked first among 157 Site managers / Safety Officers in Safety Exam in Nov 2009**.
* Proposed 05 amendments in project drawing foreseeing the installation/operation aspects.
* Resolving major problem during bus-bar system commissioning. Made SOP, which is now being followed in Vedanta’s Aluminium group.

**O & M (Indian Navy)**

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| **Middle level Manager (Indian Navy (01/06/1997 to 31/01/2007)** | **Teaching Operation & Maintenance of Marine Steam Boilers, Turbines, Diesel Engines, Distilling Plants, AC Plants and Air Compressors for Indian and Foreign Navy Sailors / Officers at INS Shivaji, Lonavla (Pune).** |
| Planning, scheduling and conducting class lectures as per trainee’s attachment to Steam Machinery Wing at INS Shivaji. |
| Leading team of 80 Mechanical Professional at Ship Building Centre (Vizag). |
| **Equipment Erection & Testing: Steam Turbine Generator (up to 40 MW), CW Pumps, Lubricating Oil Pumps, Plant AC, Moist Air Separator Units, Boiler Feed Pumps, Distilling Plant (10 TPD) and other auxiliaries to be fitted in submarine.** |
| **O & M of Boilers, Steam turbines, BFP. AFP, CEP, CW Pump, Intake Pump, C.W. Pumps, AC/Ref. Plants & Compressors at onboard ships & establishments.** |
| Liaison with Dockyard / OEM for major defect rectification of major equipment. |
| Planning, Scheduling of Preventive Maintenance, Running Maintenance, Condition based Maintenance, Dry Docking and Refit of equipment / ships. |
| O & M Captive DG (up to 1.5 MW), A/C Plant, Ref. Plant, Utilities & Hydraulic / Pneumatic Control System. |
| **Asst. Engineer / Junior Engineer (Indian Navy)**  **(10/01/1991 to 31/05/1997)** | Leading a team of 50 skilled technicians / Fitters on board ships. |
| **O&M of** **Steam Turbines, Boilers** (Diesel & HFO Fired), **Auxiliaries** & **all Utilities**. |
| **O & M of Diesel &** **Turbo Generators,** **A C / Ref. Plants, Pumps** **& Compressors**. |
| O&M of fixed/portable Fire Fighting and Safety Systems/Appliances. |
| Training and mock drills for Fire Fighting, First Aid & Personnel safety. |

**Achievements:**

* “ALL ROUND BEST PASSING OUT APPRENTICE” for A/89 class from Indian Navy (May, 1990).
* Active participation during major fire-fighting onboard INS Vikrant (31 May 1994).
* Saving marine boiler from starvation at onboard INS Vikrant.
* Setting right of J2 TG control valve assembly and achieved load from 25% to 95%.
* Proficiency Award from commanding officer CGS Chandbibi for professional competency (2000).
* Designing and setting up of 05 nos test-bay for mechanical equipment testing at MTC (SBC, Vizag).
* Designing and setting up of AC Plant Test-Bed, with help of scrap material. Saved approx. 10 Lacs.
* Resolved Main Turbine turning gear problem (Pune Instruments Pvt. Ltd.)
* Testing & proving distilling plant (TAS Engrs) to beyond its capacity (Design 10 TPD, achieved 13 TPD).
* Tuning of Russian TG Hydraulic Governor for first Nuc. Sub. INS Arihant at MTC (SBC Vizag). Thus saving approx. Rs. 1.5 Cr (Russian Consultancy charges @ $ 2000/ Hr.) and precious time of 06 months.
* Preparation of first SOP and fault diagnosis booklet for Mechanical Equipment fitted onboard INS Arihant.
* Cash Award from Project Director (ATVP), for professional competency (2003)
* Commendation from Project Director (ATVP), for professional competency (2004).
* Received Instructor Certificate at INS Shivaji, Lonavla (Mechanical/Marine Engineering Training Centre).

**Academic/Professional Qualifications**

* Marine Engineering Officer {(Class II) Min. of Transport, Govt. of India}. BE Equivalent (1996).
* Diploma in Mechanical Engineering (1991).
* Diploma in Industrial Safety (2005), distance Learning.
* Medical First Aid Course from Naval Maritime Academy Mumbai (2006)i.
* Advance Fire Fighting Course from Naval Maritime Academy Mumbai (2006).
* Middle Level Management Course from Indian Navy (1997).
* Boiler Proficiency Certificate from Indian Navy (1992).
* Total Quality Management Certification Course (2006).

**Sports**

* Football (Command Level), Cricket, Table Tennis (University Level).

**Hobbies**

* Listening Old Hindi Melodies

**Personal Information**

Date of Birth : 27 Nov 1969

Marital Status : Married

Computer Skills : MS Word, MS excel, Power Point

Languages Known : English, Hindi, Nepali, Marathi, Bengali, Oriya, and Punjabi

Place: Raigarh (Chhattisgarh)

Date: \_\_\_\_\_\_\_\_\_\_\_ (Sumant Kumar Verma)

References: 1) Mr. RC Agrawal Executive Director (Techno Electric & Engg. Co. Ltd,) Mob: 9831177117

2) Mr. KA Choudary Head (Projects, Vedanta Resources Plc) Mob: 9937297702

3) Mr. Sameer Nayak CPP Head (Aditya Aluminium Singrauli) Mob: 8146628220

4) Mrs. Sandhya Maurya Head (Mech. Maintenance) CLP Jhajjhar, Mob: 8198900977