**RAJEEV MUNDYATH**

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**Accomplished power plant professional seeking top management roles with record of achievement in conceiving & implementing ideas into Project Management, Maintenance Operations and Plant Operations that have fuelled market presence with determination and dedication for the steady progress of the organization and to achieve professional excellence and satisfaction**

**Preferred Location: Middle East, Gulf countries, S.E. Asia, Africa and India (anywhere)**

**CAREER SUMMARY**

* *Accomplished, results oriented professional with* ***above 3 decades (27yrs)*** *in depth experience and expertise in overall -operations/maintenance of power plant (****CPP-cogen/IPP/WHRB Units****) with improvement in projects execution (erection/commissioning/stabilization)*
* ***Joined KAMACHI STEEL INDUSTRIES – Chennai( Tamil Nadu – India ) ON 28/1/2019 as ‘’ General Manager ( Operations & Maintenance – Power plant ) “ - 2 x 80 MW with CFBC boiler’s from m/s THERMAX ltd & STG from m/s SIEMENS India ltd along with WHRB PLANT generating 154 MW.(looking after operation and maintenance of CPP/IPP & HEAT RECOVERY UNITS within the group)***
* *Till November 2017 associated with* ***PT Indorama Synthetics, Purwakarta, Indonesia –Power Plant Division (92 MW coal based CPP with PF fired boilers)- OCTOBER 2005 – NOV 2017.***
* *In 2005 started my career at Indonesia as Mechanical Head (2 x 30) MW at Indonesia.*
* *In 2014 became the Engineering Head of the 92 (2 x 30/ 1 x 32) MW CPP at Indonesia.*
* *In 2016 Jan went to Senegal (W. Africa) on deputation as Power plant Head (1 x 30) MW & also lead the project/erection activities for mechanical/electrical/instrumentation/civil/safety side of the new coal based power plant.*
* *In 2017 July transferred to Senegal (As part of additional responsibility functioned as corporate Engg Head for other power plants of Indorama located in Jakarta/Bangkok/lagos)*
* *In Nov 2017 had to take a break due to personal litigation issues at home (India –Kochi) and the court issues completed in Oct 2018. After this period I decided to continue my professional career.*
* ***In******my******professional******career******spanning******27******years****, my experience in* ***project******execution*** *is for 6* ***years (4 major power projects(<100MW- EPC based 3nos-Chinese project’s & 1nos-Indian project) from 2000 onwards till 2017****/****10******years*** *in independently* ***handling******the day to day operations of the power******plant*** *i.e. boiler & turbine operations,water treatment plant,coal handling plant operations, higher PLF & monitoring&improving heat-rate/* ***11 years in leading the maintenance******team*** *and satisfying the maintenance needs of the plant with prime focus on availability & reliability* ***w.r.t to plant ageing factor.***

*(In Jan 2018 shortlisted at ATUL Industries (Valsad -Gujarat) for the position of Vice President - Operations (power plant) -Unfortunately could not attend the final stage of the selection process due to a car accident for which I had to be hospitalised for 10 days. Also in April 2018, got selected for Dangote Indusries Nigeria as GM power plant at Niger but could not take up the offer due to pending litigation issues in the courts.)*

*Hands-on exposure to entire gamut of operation & maintenance functions encompassing* ***preventive maintenance, planned maintenance, condition based maintenance and break down maintenance.***

* *An effective leader with excellent analytical, interpersonal, decision-making, technical and problem solving abilities.*

**CORE COMPETENCIES/SKILLS**

**Engineering Operations and Maintenance | Project Management | Budgeting & Cost Control | Vendor/Contract Management | Process Improvements | Expertise in trouble shooting typical problems related to Chinese plants | Hazop study | Risk Mitigation | Asset Management | ERP/ CCMS/TPM/5 - S/ 5 WHY's | Liaising and Negotiations | Procurement | Change Management | Team Management | Erection, commissioning, stabilization | Higher OEE% | Liaising work with government & non-government agencies | Budget targets | Maintain 100% availability always | Shutdown Management | Target 100k $ saving every financial year | Waste Management | Cost -reduction | Energy conservation | Team building (HPWT) High performance work teams | Dealing with Industrial conflicts | Disaster management | Purchase negotiation skills |Crew marshaling techniques | Expertise in Coal Pulverizer over-hauling | Capex planning & execution | Monitoring PLANT AGING factor | Organizing Brain storming- sessions with the team | Coordinating yearly visits by Insurance agencies & also document preparation for dealing with claims as & when required |Integrity & Ethics, Honesty |**

**CAREER ACHIEVEMENTS**

* Expertise in operations/trouble shooting of coal power plant with CFBC/PF boilers/pulverizers & steam turbines.
* 100% equipment available 365 days a year. Setbacks reduced to zero with respect to power generation.
* **Proven** **expertise** in shutdown planning & execution i.e. minor/major over-hauling of power plant equipment as per plan done for totally 55 times in a career spnning 26 yrs.
* Played a **dynamic** role in developing (HPWT)-*high performance work teams,* **5 teams for different areas in a span of of 3 months**
* **Professional** **acumen** in investigating root cause failure analysis / break down analysis with **corrective** **action** **plan** for the future to prevent similar type of failures added with documents like FIR/FAR and preparation of the report for the insurance agencies if required.
* **Forged** good relations with local government, environment, insurance, boiler inspector and other related agencies connected to the power plant.
* **Cast** a **hawk’s** **eye** on maintenance of the annual budget targets (in the last 6 years have achieved the targets on 5 occasions), **Achievements -** 20% reduction of cost in consumption of spares by implementing TPM strategies together with careful planning from the year 2011 onwards, targetting $50K saving in the power plant every financial year by technology upgradation/by bringing changes in the existing system etc.
* **Implementation** of 100% safety procedures in compliance with safety regulations in the plant HSE production ***(zero accident record achieved for 10 years in a row***)
* **Conception of**  *Red Tag Area in the premises –* ***enabling safe collection of hazardous waste.***
* **Path** **breaker** in erection and commissioning of utilities consisting of heat recovery boilers/compressors/fire hydrant system/ underground piping erection for a petrochemical plant -by Indorama ventures (IPCI) in the Purwakarta complex.
* **Mastery over** stabilizing the initial teething problems (**Instances -** commissioning of Chinese power projects).
* **Success** in reducing the auxiliary power consumption from 16% to 12% within a limited time span of 4 to 6 months with **record**  savings of $ 25 K per month.
* **Reduced** **carbon footprint by**  energy conservation, technological up-gradation of plant/equipment regularly thus enabling cost reduction
* M**ooted proposal for setting up briquetting plant (manufacture of bricks) from the waste – ash which will augment company income from waste .**
* **Cost cutting by slashed administrative costs(30%), supply of good quality vendors at negotiated contract prices.** (eg: coal handling plant operations)
* **Record breaking achievement in Indorama history- OEM CONTRACT SYSTEM NOT FOLLOWED** FOR (Boiler, Steam, Pulveriser maintenance & BOP Maintenance.) thus enabling cost reduction AND use of indigenous manpower.
* **Strict adherance to integrity and honesty** among team members thus fostering a harmonious work environment.

**CAREER CONTOUR**

**PT Indorama Synthetics, Purwakarta, Indonesia –Power Plant Division (CPP)- since Oct 2005 till Dec 2015 & ICS Senegal –Power Plant Division(CPP) – since Jan 2016 till Nov 2017**

***AT KAMACHI INDUSTRIES,CHENNAI – CPP SET HAS –***

1. ***CFBC BOILERS -3NOS THERMAX MAKE OF 300 TPH CAPACITY***
2. ***STG MAKE FROM SIEMENS - 80MW ( 3 NOS)***
3. ***WASTE HEAT RECOVERY UNIT WITH WHRB BOILERS OF TOTAL GENERATION CAPACITY OF 154 MW ( THERMAX BOILERS)***

***AT PURWAKARTA –INDONESIA CPP SET UP HAS –***

1. ***2 Nos. Pulverized fuel fired boilers(MCR -150 TPH) with 6 Nos. Pulverizing mills –OEM, Wuhan boiler company(PRC).***
2. ***2 x 30 MW steam driven turbines–OEM, Nanjing turbine company(PRC).***
3. ***1 Nos. CFBC boiler(MCR- 250 TPH)-OEM, Wuxi boiler company(PRC).***
4. ***1 x 32 MW steam driven turbine-OEM, Hangzhou turbine company (PRC).***

***AT SENEGAL-W.AFRICA CPP SET UP HAS-***

1. ***4 Nos. CFBC boilers(MCR -75 TPH)-OEM, Wuxi boiler company(PRC)***
2. ***1 X 30 MW steam driven turbine–OEM, Hangzhou turbine company (PRC).***

***(At Indonesia reporting to HOF power plant- Team size handled 105 Nos. Including 5 Nos. Local HOD’s of different departments like mechanical/electrical/instrument/civil/ safety).***

***(At Senegal reporting to CEO Phosphoric acid plant- Team size handled 55 Nos. Including 3 Nos. Expat HOD’s of different departments operation/engineering/accounts & remaining members in the team are local African manpower).***

**Key Roles at - Indonesia/Senegal (W.Africa)**

**Operations and Maintenance:**

* **Expert** in independently handling power plant operations/emergencies/all types of plant start-up’s.
* **Erection** **commissioning**, **stabilization** and **maintenance** of Chinese (2x30 MW, 1x32 MW) coal based power plant using pulverized fuel boiler/CFBC technology at Indonesia & (1x30 MW) CFBC thecnology at Senegal.
* **KEY AREA - Expertise** in coal pulverizrs maintenance,trouble shooting & overhauling practises
* **AN Excellent Planner of**  maintenance schedules of all equipment in the power plant including maintenance activities of steam turbines (minor and major overhauling)/ boiler's re-certification process.
* **Overseeing** inventory management, minimizing costs and keeping it under control by developing alternate vendors for the same type of job.
* **Execution** of **new** projects, plant expansion modification programs as per the **PMA (plant modification authorization),** coal dryers’ installation project, expansion of existing coal handling plant & waste ash brick plant project.
* **Reduction of**  unplanned downtime, **implementing** maintenance and inspection plans leading to reliability and strengthening of infrastructure.

**Project Management (totally for 6 years in my career, 4 projects since 2000)**

* Overseeing project management activities while ensuring they align with the project's commercial strategies along with purchase teams **(i.e. TECHNO-COMMERCIAL**) including achievement of **as-sold margin (EPC/TURN-KEY BASIS).**
* ***Projects Handled*** – Execution part representing the owner’s team leading the mechanical erection/commissioning/stabilization and later the looking after the maintenance needs of the plant with key focus on local manpower training. In **2005-2007 – 2 x 30 MW PF BASED COAL POWER PLANT** at Indonesia. In **2014-2015 1 x 32MW CFBC BOILER BASED POWER PLANT** at Indonesia. In **2016-2017 1 x 30MW CFBC BOILER BASED POWER PLANT** at Senegal (W. Africa) –(At Senegal, my significant achievement is training of local African man power in record 35 day’s time)
* Active involvement in the polyester piping, erection/commissioning of **petrochemical plant (UTILITIES/PTY/PET/FILAMENT YARNS)** set up by **Indorama joint ventures –*IVL*, 2012-2015 at Purwakarta, Indonesia.**
* Managing the development of technical engineering deliverables (bid documents with detailed scope) associated with assigned management of technical scope, quality plan, schedule and budget.

**Nirma Ltd. (Soda Ash Plant) –Thermal Power Plant Division, Gujarat, India as Deputy Manager – (Mechanical Maintenance & Operations);**

**Nov 2000-Sept 2005**

**Key Roles:**

* **Versatile in**  **operation** & **maintenance** activities of 40MW, Thermal Power Plant with CFBC Boilers with a team of 75 members and reported to the AGM - Utility.
* **Executed** new plant expansion programs and new projects.
* **Leader** of Engineers /Superviso’s in Mechanical Department.
* **Excellent** **manpower** **manager** ensuring highest levels of efficiency and output..
* ***PROJECTS HANDLED –*** Guided the mechanical erection of **250 Tons of CFBC Boiler supplied by IGEC THOMSON, India in 2003-2005** aimed for mainly supplying steam to the process plant.

**Bharat Starch Industries Ltd., Gujarat, India as Executive - Utilities; Mar 1997 – Oct 2000(6MW coal /oil fired power plant)**

**Gujarat Cycles Ltd, Gujarat, India as Maintenance Engineer - Utilities; Aug 1996 – Mar 1997(3MW Oil fired power plant)**

**(1988-1992) *- GIVEN BELOW THE DETAILS OF WORK EXPERIENCE, AFTER COMPLETING DMC(SWC) COURSE AND BEFORE JOINING FOR (BE Mechanical – 1992 -1996) AT NAGPUR UNIVERSITY.***

**K P V TEXTILES Ltd, Tamil Nadu, India - *as Junior Engineer - Utilities; Dec 1989- Sep 1992 as maintenance engineer for a coal based power plant of 10MW capacity.***

**SHAKTISUGARS Ltd, Tamil Nadu, India*- as Mechanical Supervisor (Bagasse fired Boilers /Steam driven SINGLE STAGE IMPULSE Mill Turbines supplied by M/s BELLIS MORCOM Calcutta (underwent 6 months rigorous training of over hauling- mill turbines at BELLIS MORCOM factory) / Power Turbine – Utilities –Apr 1988 – Nov 1989 – Power plant capacity 15MW)***

***EXPERIENCE DETAILS IN NUTSHELL-***

***OUT OF 27 YEARS - 10 YRS IN OPERATION OF POWER PLANTS / 11YRS IN MAINTENANCE OF POWER PLANTS / 6 YRS IN POWER PROJECTS (CHINESE/INDIAN EPC TURN KEY BASIS) . KEYS AREAS ARE BOILERS ( CFBC/PF/OILFIRED) & STEAM TURBINES ( CHINESE /JAPANESE/ INDIAN STG SETS )***

***STARTING FROM THE BEGINNING OF MY CAREER –***

1. ***SAKTHI SUGARS, TAMILNADU-INDIA - 8-04-1988 TILL 21-11-1989 ( TOTAL EXP – 1 yr & 7months)***
2. ***KPV TEXTILES, TAMILNADU- INDIA - 1-12-1989 TILL 06-10-1992 ( TOTAL EXP – 2yrs & 10 months)***
3. ***GUJARAT CYCLES, GUJARAT- INDIA -4-08-1996 TILL 23-03-1997 (TOTAL EXP – 7mnths)***
4. ***BHARAT STARCH, GUJARAT- INDIA -25-03-1997 TILL 31-10-2000 ( TOTAL EXP – 3yrs & 7 months)***
5. ***NIRMA LIMITED, GUJARAT- INDIA– 07-11-2000 TILL 19-09 -2005 ( TOTAL EXP – 4 yrs & 10 months)***
6. ***PT. INDORAMA SYNTHETICS Tbk, JAWA - INDONESIA- - 06-10-2005 TILL 07-11-2017 ( TOTAL EXP – 12 YRS & 1months)***
7. ***KAMACHI INDUSTRIES, TAMILNADU – INDIA- 28-01-2018 TILL DATE***

***TOTAL EXPERIENCE TILL AUGUST 31ST 2020 – 27Yrs & 1month)***

***IST SYSTEMS*** *-*

ICMS – INORAMA COMPUTERISED MAINTENANCE MANAGEMENT SYSTEM for maintenance planning/preventive/predictive maintenance.

ORACLE – For purchase and procurement

EAM – Enterprise asset management

SAM - Software asset management

**TRAININGS/SEMINARS**

* Attended seminar on “Floor Mounted Boilers” conducted by Energy and Environment Research Centre, Thermax Ltd, Pune –in 1999.
* Training course of fourteen days on “Industrial Hydraulic Engineering” conducted by E.T.N Vickers Systems International Limited at Tokyo, Japan in 2001.
* Attended seminar on “Boiler Proficiency Encashment” conducted by India Boiler Dot Com - (IBR) in 2003.
* Attended Executive Education Program on “Organizational Integration through effective teams” conducted by Nirma Institute of Management, Ahmadabad in 2004.
* Attended a complete Training Program of 22 days on the Operation & Maintenance (O&M) of Pulverized Fired Boilers (PF) in a 2500 MW power station owned by the Hubei Power Generation Company at Wuhan – PRC (CHINA) in April 2006.
* “Road Map to Success” - 4 day’s work shop by INDORAMA – in 2009.
* “Asset Management” by SKF – Singapore 2010.
* “Advanced Repair Technology” by SULZER (2 days work shop-2010) in Australia.
* “Advanced HAZOP for process optimization- 3 day’s work shop in 2010 at IRS – Purwakarta site in Indones
* “Vision and Values” – 2 day’s work shop in 2011 at IRS – Purwakarta site in Indonesia.
* “Piping Inspection and procedures” – 2 days training program conducted by INDORAMA- CPP division at Purwakarta site – Indonesia in 2012.
* “Authenticity in Action” 3 days workshop by Indorama – Thailand group in 2013.
* Training program on problems in operation and maintenance of CFBC boilers (14 days training program) at Hangzhou - China by Wuxi Boiler Group Company in 2015.

**EDUCATION**

2000 MAY - **Boiler Operation Engineering Examination (BOE)** conducted by the Directorate of Steam Boilers & Smoke Nuisance Mumbai, India

1992 – 1996 JULY - **Bachelor in Engineering-Mechanical** from Nagpur University, India.

1984 - 1988 APRIL - **Diploma in Mechanical Engineering (regular SANDWICH 4year course)** from DTE (Directorate of Technical

Education Chennai, India)

1984 JUNE - **SSLC – Matriculation** from Tamil Nadu Board, India

***1988-1992 - WORK EXPERIENCE IN SAKTHI SUGARS & KPV TEXTILES AFTER COMPLETING DME (SWC) & BEFORE JOINING BE., MECH COURSE AT NAGPUR UNIVERSITY****.*

**Date of Birth:** 12/8/1966 | **Languages Known:** English, Hindi, Tamil, Bhasha,French,Mandarin and Malayalam | **References:** Available upon request

(*My Availabilty – Maximum 1 month after receiving the offer letter)*