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| GAURAV SACHANCurriculum Vitae | |
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| **Highlights:**   * **More than 8 years exp.** as a Mechanical Engineer in **Maintenance in Thermal Power Plant having capacity more than 135 MW.** * **Knowledge of Computer, MS Office, SAP.** * Capability of devising, validating & implementing a work Culture in operating areas which implies best and effective utilization of man power under safe & friendly environment. * Endeavored in improving Effective Techno-managerial skills. | **Address:**  **GAURAV SACHAN**  B.TECH, MECHANICAL ENGG (2007-2011)  E-Mail: **gauravsachan5189@gmail.com**  Mobile: **+91 8860407813, 09724225158** |

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| .**Objective:**.. |

**“To seek Dynamic and challenging career in a reputed organization that can provide an opportunity for me to put several milestones in my career and an amicable platform for learning & growth, while making the contribution towards the organization.”**

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| **Experience:**. . |

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| **1. TATA STEEL LONG PRODUCT LTD.** Formally known as **TATA SPONGE IRON LTD.** Formally known as **USHA MARTIN LTD. (1X35MW,2X30MW,1X25MW,1X15MW), JAMSHEDPUR, JHARKHAND,** |
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Designation : **Asst. Manager** (Maintenance)

Duration : Since NOVEMBER 2016, to till date

**PLANT DETAIL:**

* 140 TPH(Make-TBW) AFBC Boiler with 30MW(Make-SIMENS) extraction cum condensing Turbine.
* 110 TPH (Make-TBW) AFBC Boiler with 25MW(Make-BHEL) extraction cum condensing Turbine.
* 2\*65 TPH Cock Oven base WHRB Boiler(Make-Thermal System Pvt Ltd. & TBW) with 35 MW(Make-GE Triveni) extraction cum condensing Turbine.
* 1\*40TPH AFBC(Make-CVPL) And 1\*46TPH,4\*36 TPH DRI based WHRB Boiler(Make-Thermal System Pvt Ltd. & TBW) with 30 MW(Make-SIMENS) extraction cum condensing Turbine & 15 MW(Make-Ganz Budapest) condensing turbine arrange in battery system.

**Area Of Exposure:**

* Maintenance of AFBC boiler and WHRB.
* Maintenance of Fans ( ID, FD, PA,), coal feeders, control valves, Motorized and Inching valve ( Main steam stop valve) and other drives to run the plant, blowers and ash handling plant.
* Maintenance of Turbine, BFP, Cooling tower fans, CW Pumps, Compressors & Auxiliaries.
* Preventive maintenance as well as breakdown maintenance, which are required for plant maintenance.
* Planning for shutdown work in annual maintenance. Performing the shutdown work and make plant better through

Modifications.

* Turbine major overhauling of make SIMENS and BHEL.
* Maintenance of CHP equipment like Belt conveyars, Gear box, Vibratory screen, Coal crushers etc.

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| **2. AMBUJA CEMENT LTD. (3X30MW), KODINAR, GUJRAT, Ambuja Cement Ltd** the second largest cement manufacturer in India & Product Manufacturing: 53 Grade Cement, Capacity- 6.7 MTPA. Ambuja Cement Ltdhas its own power plant, jetty and water system to meet its own infrastructure requirement |
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Designation : **Sr.** **Mechanical Engineer** (Maintenance)

Duration : Since OCTOBER 2013, to OCTOBER 2016

**PLANT DETAIL:**

* 3\*135 TPH BHEL Boilers. C.F.B.C. Boiler With Steam cooled cyclone having steam pressure 87 kg/cm2, Steam Generation Capacity 135 TPH at 510+5 0C,Rated Feed water Temp 215 0C,Boiler flue gas discharge temperature 130o C,Blowdown Ratio <2%
* Natural Circulation, Single Drum, Top Supported, Balanced Draft, Tower Type, Membrane Panel Constructed, Outdoor Unit Equipped with Single Cyclone, having Economizer and Tubular Air-Preheated as back end heat traps and 2 x 100% Draught Plant (Primary Air fan, Secondary Air Fan and Induced Draught Fan).
* 3\*30 MW BHEL Turbines. Make, Extraction Cum Condensing type Turbine having Steam Inlet Pressure 85.8 ATA, Steam inlet Temperature 510 + 5 oC, Flow 135 TPH.
* Auxiliaries like Boiler Feed pump, Condensate Extraction Pump, Vacuum Ejectors, HP/LP Heaters, Oil Centrifuge, HP/LP dosing Pump, Ash Recirculation Feeders, ESP, etc.

**Area Of Exposure:**

* Working for CFBC boiler BHEL makes with Air cooled condenser.
* Maintenance of Fans ( ID, SA, PA,), coal feeders, control valves, Motorized and Inching valve ( Main steam stop valve) and other drives to run the plant, blowers and ash handling plant.
* Erection and Commissioning of PA Fans and Blowers.
* Maintenance of Turbine, BFP, ACC fans, CW Pumps, Compressors & Auxiliaries.
* Preventive maintenance as well as breakdown maintenance, which are required for plant maintenance.
* Planning for shutdown work in annual maintenance. Performing the shutdown work and make plant better through

Modifications.

**Additional responsibilities:**

* + Maintain store records for material on site and Tools required on site in case of plant suffered.
  + Conducting the safety meeting once in a month.

Modifications.

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| **3. BHARAT OMAN REFINERIES LIMITED, BINA** *plant comprises of* ***CFBC Boilers of 3X275 TPH capacity and Steam Turbines (Make: BHEL) of total 99 MW*** *capacity and* ***PRDS System*** *with* ***HP,MP,LP*** *Steam has been designed to meet, besides internal requirements of the CPP and total steam and power required by the Process Units coming-up under the Refinery.* |

Organization : **THERMAX INDIA LTD.**

Designation : **Mechanical Engineer** (Maintenance)

Duration : Since OCTOBER 2011, to SEPTEMBER 2013

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| **Area Of Exposure:** |

* Regular monitoring of equipments to minimise mean time between failure and mean time of repair.
* Routinely Preventive maintenance and planning and manpower management.
* Preparation of Equipment history cards and failure analysis reports.
* Spare parts management for smooth running of plant equipments.
* Condition monitoring for reliability of system. Alignment of pumps, fans by using SPM LASER alignment tool, vibration monitoring by SPM Machine condition tester.
* Responsible for job safety, work permits and equipment isolations. Passed Work permit Executor Authorization examination organised by safety dept, BORL.

**STG AREA**:

* Maintenance of VERTICAL CEP Pumps, turbine lube oil pumps, barring gears, oil Centrifuge and HP valves.
* Having knowledge of turbine governing system and its calibration.

**BOP AREA**

* Maintenance of multi stage high pressure pumps, such as Motor driven BFP, Turbo driven BFP, VERTICAL COOLING WATER PUMPS, Turbo driven Auxiliary Cooling Water pump, cooling tower fans and gearbox.
* Experience in Turbine overhauling of turbo driven BFP.
* Successfully installation, commissioning and troubleshooting of turbo driven boiler feed pump in BOP area.

**BOILER AREA**

* Maintenance of blowers, Centrifugal Fans, drag chain and Rotary air lock valves and shutdown work of boiler tube leakages .

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| **EXTRA CURRICULAR ACTIVITIES** |

* **Participated** in the **TECHNICAL & CULTURAL (CELESTA)** events organized in college;
* **Participated** in the national seminar on **NANO TECHNOLOGY** in college;
* **Participated** in the seminar **ADVANCED MANUFACTURING PROCESSES** at the college level;
* **Participated** in the intra college **MARATHON** in college;
* **Organizer** of the **TECH-FEST (EBULLIENCE’ 2011)** in College.

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| **TRAINING/ INDUSTRIAL VISITS** |

* Attended three week training program in **ORDNANCE FACTORY**, Kanpur and learned all sorts of manufacturing processes.
* 5 days **OHSAS** training program held at BORL training center.

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| **PROFESSIONAL QUALIFICATION** |

Passed My B.TECH From NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY, GREATER NOIDA, GAUTAM BUDDHA TECHNICAL UNIVERSITY (U.P.) in MECHANICAL ENGINEERING in 2011 with 1st division( 70%).

Passed my 12th from U.P.BOARD, KANPUR in 2005 with HONOUR( 83.2%).

Passed my 10Th from U.P.BOARD, KANPUR in 2003 with 2nd division( 53%).

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| **PERSONAL DETAILS** |

**Name:** GauravSachan

**Father Name:** RoopRamSinghSachan

**Date of Birth:** 05/01/1989

**Passport No.:** K2493840

**Gender:** Male

**Interests:** Listening to music, organizing events.

**Language known:** English, Hindi

**Communication Address:** S/O-RoopRam Singh Sachan

730, E.W.S., Barra-2,

YadavMarket,Kanpur

Pin Code-208027

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| **DECLERATION** |

I hereby declare that the information furnished above is true in the best of my knowledge.

Date:

Place:**TPP,AMBUJA CEMENT LTD., GUJARAT** GAURAV SACHAN