#### SAMIR

#### [Samir.371199@2freemail.com](mailto:Samir.371199@2freemail.com)

#### CURRICULUM VITAE

## B.E.(MECHANICAL) With Overall Skills and experience in Coal Based Steam Generator & Steam Turbine , O&M, Thermal Performance Improvements and Design Review of Thermal Project & Support Services to PV, CSP, Wind & CCGT technology overall for total 19 years.

## CAREER AIM :

* Looking for a Position that will build my skills and experience in  **“MANAGEMENT” Function** and allow the scope for upward movement.

## EDUCATION:

* Bachelor of Engineering in Mechanical Engineering from National Institute of Technology, Nagpur (Ranked Number one NIT of INDIA ) - Year of Passing 1998 with 70%
* Have good working knowledge of Computers and Familiar with Windows XP, Office XP &SAP – R3 Plant Maintenance, Material Management & project management Module, The latest ERP software. Having experience and knowledge of MS Project 2003 the Project Planning Software.
* **Certified Energy Auditor by Bureau of Energy Efficiency**.
* **Completed PGDBA(Finance) from Symbiosis Institute of Management in 2015.**

**TRAINING UNDERGONE:**

* Having a IRCA,UK registered ISO 9001 Lead Auditor Certificate
* Undergone certification training course of Mechanalysis Vibration Technology-1 at Chennai
* Undergone in house Management Development Program for three days at Adani Power Ltd.
* Training at Engineers staff college of India , Hyderabad for 3 days on “ Energy efficiency of Utilities and electricals”
* Vocational Training from 1st June 1997 to 30th June 1997 at Essar Steel Ltd., Hazira
* Apprenticeship at Essar Steel Ltd., Hazira from May 1998 to Sept. 1998.

**AWARDS AND ACHIEVEMENTS:**

* **Adani Power Ltd. , Mundra plant won the first prize in National Energy Conservation Award-2011 and Second prize in National Energy Conservation Award-2012 under my role as an Energy Manager.**
* **Selected for The 39 days training on Energy Conservation Techniques for India at Japan in the 15 person from Thermal Power Plant of India by Bureau of Energy Efficiency**
* Winner of Inter Plant Quality Competition held at Asian Paint (India) Ltd.
* Placed at first position in ISO 14000 & ISO 18000 certification examination at Gujarat Industries Power Co. Ltd.

###### EMPLOYMENT :

PRESENT:

* Company: M/S.NOMAC Gulf Coal Energy LLC. (Operation & Maintenance company for Power Sector)Location : .Dubai
* Duration: Oct’16 to Till date
* Joining Designation: Performance Assurance Manager (Coal)
* Current Designation: Performance Assurance Manager (Coal)

Responsibilities **:**

4 X 660 MW Coal Based Thermal Ultra Supercritical Power Plant Design Review

* Taking care of Daily Report and Lesson Learned part of Enterprise Business Management Suite.
* Support Services as a Technical Services Team members to PV, CSP, WIND and CCGT technology.

PREVIOUS:

* Company: M/S. Adani Power Rajasthan Ltd. ( 660 X 2 MW Coal Based Super Critical Thermal power plant ) , Location : Kawai , Rajasthan
* Duration: Aug’14 to Till date
* Joining Designation: Head – Thermal Performance (O&M)
* Current Designation: Head – Thermal Performance (O&M)

Responsibilities **:**

2 X 660 MW Coal Based Thermal Supercritical Power Plant

* Taking care for the best Operation & Maintenance with best Thermal Performance of 2 X 660 MW Steam Generator & Steam Turbine as Head – Thermal Performance (O & M)
* Newly commissioned units so setting up all thermal performance tests for best Operation & Maintenance Practice for 2 X 660 MW Steam Generating Units & Steam Turbines.

PREVIOUS:

* Company: M/S. Adani Power Ltd. Ltd.( 330 MW X 4 & 5 X 660 – Total 4620 MW Coal Based Thermal Power plant with Supercritical Steam Generating Plant & Stem Turbine which is one of the world’s largest thermal supercritical power plant) , Location : Mundra, Gujarat
* Duration: Oct’10’ to Aug’14
* Joining Designation: Manager( Thermal Performance , O&M)
* Current Designation: Sr. Manager(Thermal Performance , O&M)

Responsibilities **:**

4 X 330 MW and 5 X 660 MW Coal Based Thermal Power Plant With Dongfeng Make Steam Turbine And Babcock & Willcox make Supercritical Steam Generator

* Taking care of O & M with Best Thermal Performance of Steam Generator And Steam Turbine
* Conducted Thermal Performance Guarantee test for Better O & M of the Commissioned 330 MW & 660 MW steam generator and steam turbine
* Monthly Efficiency test of Steam Generator & Steam Turbine of all 9 units.
* Implementation of Energy Management System ISO 50001:2011
* Involved in scheduling for 4 X 330 and 5 X 660 MW Power Generating Units
* Involved in preparation of Generation Budget for Whole 4620 MW Thermal Power Plant
* Analyzing daily generation with the running frequency of all 96 blocks.
* Understanding for bidding for short term and in IEX.
* Analyzing PPA Phase wise. Fuel charges + Fixed charges.
* Having exposure to OSI soft PI(Plant Information) systems and PIMS system of Honeywell.
* Thermal Performance Calculation of Steam Generator & Steam Turbine which include Steam Generator efficiency, Steam Turbine efficiency, Thermal Plant heat rate , LP heater Thermal performance and HP heater Thermal performance for best O&M.
* Steam Generator & Steam Turbine Tripping analysis for better O&M Practice.
* Thermal Performance Monitoring of coal mill for better O&M and combustion quality of the units for efficient O&M.
* Thermal Performance Improvement projects for Steam Generator & Steam Turbine for reliable and sustainable best O&M of Plant.

PREVIOUS:

* Company: M/S. Gujarat Industries Power Company Ltd.
* Duration: 2006 to 2010
* Joining Designation: Engineer ( O&M)
* Leaving Designation: Asst. Manager(O&M)

Responsibilities **:**

4 X 125 MW Lignite Based Steam Generator (Latest Environment friendly Steam Generator) & BHEL make Steam Turbine

* Worked for Thermal Plant O&M department.
* Thermal Performance Calculation which include Steam Generator efficiency & Steam Turbine efficiency, Thermal Plant heat rate , LP heater Thermal performance and HP heater thermal performance.
* Undergone steady state analysis, start up and coasting down analysis of 125 MW BHEL make steam turbine using bently nevada ADRE system through bently nevada 3300 vibration monitoring system.
* Involved in the Balancing activity of Exciter of Steam Turbine unit K30-16 + N30-2\*3.2
* Responsible for the thermography of Steam Generator & Other Thermal Plant Auxiliaries.
* Centralized Condition Monitoring of All rotating equipments of the plant
* Was involved in the Major Overhauling activity of Steam Turbine model K30-16 + N-30-2\*3.2 and 390tph @132 kg/cm2 capacity steam generator.

PREVIOUS :

[1]

* Company: M/S. Rajashree Polyfill ( A division of Century Enka ltd., A birla group)
* Duration: 2004 to 2006
* Joining Designation: Engineer(Utility , O&M)
* Leaving Designation: Sr. Engineer(Utility , O&M)

Responsibility :

* Assignments of **Utilities of Expansion of 100 MTPD** which includes AHUs , reciprocating Air compressors,1000 TR centrifugal Chiller,450 TR Vapor Absorption Chiller, 2DNC type Waste Heat Recovery Steam Generator, Wartsilla make Gas based Power Generating set.
* **Also Handled responsibilities** tasks like Statutory requirements ,ISO activity of Department, Risk Management, Asset management. O&M of utilities which inclueds AHUs , K.G. Khosla make and CPT make Reciprocating Air Compressors , 1000 TR centrifugal Chiller , Blue Star (York) make 700 TR centrifugal chillers, 450 TR capacity Vapor absorption chillers, HOC type Air dryers ,Chilled water type air dryers , Thermax make FO fired boiler ,Thermax make Waste Heat Recovery Steam Generator.

[2]

* Company: M/S. Gokulanand Petrofibres(A POY division of Alidhra Texitle Engg.)
* Duration: 2002 to 2004
* Joining Designation: Shift Engineer(Utility , O&M)
* Leaving Designation: Shift Engineer(Utility, O&M)

Responsibilities : Successfully Completed New Project of 60 MTPD

of POY

* Which includes Erecting and commissioning of 3 MW lignite based Steam Generator & Steam Turbine and O&M of 3 MW Steam Generator & Steam Turbine.

[3]

* Company: M/S. Asian Paints(India) Ltd.
* Duration: 2001 to 2002
* Joining Designation: Trainee Engineer.
* Leaving Designation: Asst. Engineer.

Responsibilities:

* In shift duties handling O&M of 4 MW Steam Generator & Steam Turbines also O&M of 190 TR capacity Halls Make screw compressor,54 TR capacity Reciprocating chiller,IR make reciprocating air compressors, DM water plant , Softening plant and smooth production of all production equipments**.**

[4]

* Company: M/S. Surat Textile Mills Ltd(A Subsidiary of Garden Silk Mills Ltd).
* Duration: September 1998 to January 2001
* Joining Designation: Trainee Engineer.
* Leaving Designation: Engineer.

Responsibilities:

**I**n the shift duties handled following equipments:

* O&M of 3 MW Capacity Steam Generator & Steam Turbine
* Chicago Pneumatics make reciprocating air compressors
* 400 TR capacity Voltas make centrifugal chillers
* FO fired boiler
* Thermopacks
* Handling of Polycondensation plant
* Handling of Spinning Plant which inclueds Extruders , CPF , Chips Dryers and Barmage make winders.

##### **PERSONAL :**

* **Age :** 40 Years
* **Marital Status :** Married
* **Children :** 01 Son , he is 15 years old.
* **Nationality :** Indian
* **Languages Known :** Can write, read and speak - English, Hindi and

Gujarati.

* **Interest :** Reading, Traveling, Music, Internet etc.
* **Relocation :** Ready for relocation.