Bio Data

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Summary :

25 + years of experience in Projects , execution of EPC contracts , Operation and Maintenence of Thermal power plants and its auxillaries with total capacity upto 250 MW.

Professional snapshot:

An astute and result oriented professional with over 25 + years of experience in handling the complete project operations entailing planning, resource utilisation , maintenence and operations.

To operate boiler of AFBC,CFBC,PF,Travelling grate type boilers of various capacities through DCS within safe and designed limits in their shifts to achieve targeted and economic power generation

Smooth and safe DCS operation of the plant and related auxillaires.

Strive to achieve the set operation parameters and consumption norms.

Coordination with shift engineers and area operators of the plant.
Reporting the abnormalities of the system equipments.

Complience and adherence of SOPs on day to day basis.
Ensure optimum energy consumption by operating equipment at their prescibed capacity
Collection of water chemistry report from DM Plant and act upon to maintain required paramaeters by operating or regulating chemical dosing system
Following Quality , Environment and safety standards like ISO 9001, ISO 14001, ISO 18001
Ensure safe working condition and pollution free environment. To maintain accident free operation and follow up of all environmrnt related parameters of the boiler.

Managed a wide spectrum of equipment and utilities , while curtailing the operational cost and expenses. Demonstrated abilities in working on initiatives , thereby bringing down annual cost savings.An effective communicator with excellent relationship management skills and strong analytical problem solving and organisational abilities. Experience in procuring and developing bid documents and contract documents for Civil, Electrical , Mechanical , Control and Instrumentation.

Resource planning , Manpower histogram , and preparing activity wise level I, II , III schedules. Functional and administrative management of all project control activities including Estimation , Planning and Scheduling. Project cost control leading a change management drive forecasting process. Reviews the plans and schedules and monitoring of construction works of plant. Interaction with \government authorities in annual inspection of Boilers, IBR and other satutory related approvals. i.e Pollution Control, Factory inspection , Local and Airport authority , SEB, Irrigation and Water works. MOEF etc Associated with clean development management projects.

Implementation of best safety practices and train the people to adopt practices in the plant

Sharing inputs with the line managers and supervisors for Capital Expenditure collabirating with the team members on energy saving projects to improve the efficiency of the plant and effectiveness of the work area.

To plan and achieve the following deliverables during operation and maintenance
a.Availabilty of units/ Station
b.Plant Load Factor
c.Heat rate
d.Aux Power Consumption
e.Chemical Consumption
f.Water Consumption
g.Maintaining tripping analysis report
h.Zero Injury

Details of Equipments handled:

Boilers :

Coal Fired : AFBC , CFBC , Pulverised coal Boilrs , Travelling Grate boiler , Waste Heat Recovery Boilers, Oil Fired Boiler, Natural Gas Fired Boilers , Bio Mass fired (Baggase, Husk, Jute stacks..etc) Multi Fuel Fired Boilers.

Makes handled : THERMAX, Cethar Vessels Limited ., IJT ., KURUPP , LIPI , BHEL, INTERNATIONAL COMBUSTIONS.WUXI (China Make)

Turbines :

Steam Turbines handled : BHEL., Triveni , Siemens , Belliss , SKODA ., GE , TDPS (Japan make)

Condensers :

Normal Circulating Water Cooled / Once Through Sea Water Condenser.Air Cooled Condenser
Makes handled : Southeren Cooling Tower , Pharpur Cooling Tower ., GEA Cooling Tower.

Compressors :

Reciprocating Type , Sckrew Type , Rotary Type and Centrifugal Type
Makes handled : Ingressal Rand , Atlas Capco ., Chicago Pnumatic ., Kirloskar

Pumps :

KSB ., Kirloskar ., SAM Turbo ., Chemflow., Bevcon Wier ., Mathu & Plato etc

Conveyors :

Belt Conveyors., Bucket Elevators., Screw Conveyors , Drag Chain Feeders , Pipe Line Pnumatic Conveyors,

Power Evacuation :

Electrical Power evacuation system with P.C.C , M.C.C and L.T Cable etc Siemens , ABB , L&T and AREVA Transformers

DCS Systems :

Yokogawa , Honeywell , Emmerssion , L&T , ABB , SIEMENS

Maintenance activities of Power Plants :

Handle various types of maintenance activities of Thermal, Natural gas and Waste heat recovery boilers. Overhauls of Major and Minor TG sets. Refurbishment of boilers , Retrofitting of steam turbines.Vaaccum tunnel balancing etc. Maitenance Packages handled CEMPAC Maitenence. SAP (Plant Maintenence , Material and Inventory Management) Experience in maintenance planning and spare parts stock control of steam turbine and its auxillaries of capacity 100 MW and above. Full exposure to major overhauling, trouble shooting and diagnosis of plant and equipment behaviour study.

Field Servicing works :

Includes inspection , Identification, repair , condition assessment. Life Evaluation, Relocation & Renovation of Rotating equipment and static equipment etc.Vibration monitoring , bearing life assessment.

S.No	School/College	Course	Year of Passing	Class & % of marks
1	St.Joseph's English Medium School	Secondary School Certificate	1986	First Class with 77%
2	Sarada Junior College	Intermediate	1988	First Class with 74.5%
3	Jawaharlal Nehru Technological University - Hyderabad	B.Tech(Mech)	1992	First Class with distinction with 70.7%
4	Andhra Pradesh Productivity Council - Hyderabad	Diploma in Computer Applications	1992	First Class with distinction with 71%
5	SKM University	MBA – (Marketing & Systems)	2006	First Class with distinction
6	Andhra Pradesh Boiler Board	Boiler Operation Engineer	2010	
7	Institute of Engineers of India	MIE	2017	

Work Experience :

1.From : April 2017 to till date

Name of Company : Spacality Pulp and Paper Limited ., Nigeria
Position : DGM Power Plant

Roles and responsibilites :

Natural Gas / Oil Fired Boiler of Thermax Make Capacity 150 TPH
Triveni Make Steam Turbine Capacity 25 MW
Water Treatment Plant Capacity 100 TPH
Cooling Towers , Natural Gas metering and distribution system
Fuel Oil storage and distribution system.
Erection and Maintenance of boiler, steam pipe lines, water pipe lines, Gas pipe lines.
Erection , Operation and Maintenance of Turbine of Tiveni Make.
Erection , Commissioning of Natural Gas pipe line of 10 KM length.
Erection , Comissioning and operation of water bath heater for natural gas conditioning.
Pigging and Hydraulic test of Natural gas pipe line.
Operation of Pressure Reducing and Metering System of Natural gas supply system.
Optimum running of the power plant
Operation and maintennace of 5 MW gas engine power plant.
Minor and Major Overhaul of the steam turbine of triveni make.

Manpower handled : 65 Nos

2.From : April 2015 to April 2017

Name of Company : Covalent Labs Private Limited / Riachem

Position : Facility Manager

Capacity of plant : 4.5 MW AFBC Boiler

Operation and maintenance of Boiler of Thermax Make, Turbine Siemens Make , DM Plant(Thermax Make) ESP , Coal , Ash plant.in covalent labs

Operation and maintenace of boilers, DM Plant, Chillers, Compressors, Nitrogen Plant, Drinking water plant , Air Handling Units in Raichem.

2.From : Oct 2013 to April 2015

Name of Company : Abinav Steel and Power Limited

Position : Plant - Head

Capacity of plant : 63 MW CFBC Boiler

Roles and Responsibilities :

Comissioing and Operation of 250 TPH CFBC Boiler , Feed water pumps, Coal Handling Plant , Ash Handling Plant and Electro static Precipitator.

Comissioing and Operation of 63 MW steam turbine with its auxillaries like Low Pressure Heater , High Pressure heater , Pressure reducing station, Deareator etc.

Improving Boiler efficiencies , station heat rate and optimisation of auxillary power consumption.

Calculatig the cost of power generation and plant heat rate on daily basis.

Ensuring that the Boiler and Turbine are running closer to their design values.

Ensuring that all the documents are maintained as per ISO:9001 Quality standard and ISO 14001 Environment Management System.

Effective utilisation of manpower resources and general maintenance equipmnet.

Operation and Miantenance of Loader (make JCB) , Excavator (make TATA) , Trippers and Tractors.

Operation and maintenance of truck trippler unloading.

Operation and maintenance of 50 TPH ION EXchage make DM Water treatment plant

Operation and Maintenance of EOT Cranes and hoists

3.From : June 2010 to Oct 2013

Name of Company : Feed back Ventures private Limited

Position : Manager Power Plant

Capacity of Plant :

Roles and responsibilities :

Managing complete engineering activities i.e tender enquires , technical specification finalisation, comparision statement preparation and conducting bid meetings along with consultants.Bid finalisation , techno-commericial activities , ordering to the parties , contract management, engineering procurement and construction erection and commissioning of 200 TPH coal washery with all air jig technology supplied by All mineral GmbH Germany and also 4 X27 MW capacity thermal power project of 2 X16.5 MW (In Lafarge IndonesiaThe fuels used are coal washery rejects,imported coal , sponge iron rejects.

Operation and maintenance of 2 X 60 MW power plant in Lafarge Cement Syria form June 2012 to Oct 2013

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From Dec 2003 to Jun 2010

Name of Company : GMR Industries Limited
Position : Associate Manager
Capacity of the plant :

Roles and Responsibilities :

Erection and Commissioning of combined cycle power plant.Execution of power plant works i.e approval of P & I drawings , civil foundations ,of turbine and boier. Condenser assembly, EOT crane fabrication and erection of STG building. Erection and comissioing , testing and trail run of 255 MW GE make and 133 MW BHEL make STGs and its auxiliaries. Executed erection and commissioning of Low Pressure steam pipe line , High Pressure steam pipe line , Cooling Water pipe lines and gas supply pipe lines. Operation and Maintenance of 16 MW TDPS turbine and 4 MW Triveni turbine and its auxillaries.

From Dec 1998 to Dec 2003

Name of Company : Ballarpur Industries Limited
Position : Executive Utility
Capacity of the plant :

Ballarpur Indutries Limited Unit: Sewa Jeypore Orissa is prime quality paper producer. It is a large integrated paper and pulp manufacturing mill, a flagship company of Thaper group. I had worked as Executive Utility with hands on solid experience in the following activities :

As Executive utility under taken operation and maintenance of DCS/SCADA operated boilers with the following specifications.

1. Boiler with steam generation capacity 45 TPH, Pressure 55 Kg/cm2 and Temperature 420 +/- 5 deg C. Make : Thermax Limited

2.Boiler with steam generation capacity 30 TPH, Pressure 42 Kg/cm2 and Temperature 420 +/- 5 deg C.

Conducted D P test fpr above boilers, slow firing activities,Alkali Boilout,Acid Cleaning,Steam Blowing. Safety Valve setting and performance gaurantee test by direct method.

Guiding the shift operating personnel for better and optimum loading of boilers and achieve optimum efficiency on AFBC boilers and condensing and extraction type turbines. Optimisation of Auxillary power by optimum loading loading of auxillary equipmnets like Raw Water Pumps , DM Water Plant, Cooling Towers

Preparation of weekly and monthly reports , Maintenance of Raw water pumps of capacity 1080 Cum/hr , Clear water pumps of the same capacity, DM water treatment plant of 85 cum/hr capacity, with 600 tons storage capacity. Compressor of capacity 550 CFM at 100 PSI . Recovery boiler of 250 BLDS firing at steaming rate of 34 TPH at 40 Kg/cm2 .

Preparation of annual operation and maintenence budgets and CAPEX budgets.

From Oct 1993 to Dec 1998

Name of Company : Belliss India Limited
Position : Sr.Service Engineer
Capacity of the plant :

Belliss India Limited an associated company of Rolycee Royees Power Engineering Limited., England. which is engaged in production and servicing of steam turbines. Assembly of steam turbines of capacity upto 7.6 MW. Testing of steam turbines on the test rig and checking th different safety interlocks and conducting the performance test. Supervicing the servicing of the steam turbines at site.