

DIPAK DAS

Coal Fired Power Plant and HRSG Commissioning, O&M and Plant Betterment Specialist

M: (+91) 8910332599, **E-mail:** dipak9das@gmail.com, **Location:** Kolkata 700052, WB, India

SUMMARY: B.E(M) & BOE certified, experienced power plant professional over 37 years in coal fired power plant (Steam Turbine, Boiler and BOP – CHP, AHP, Water Systems) - unit capacity: 87.5 to 800MW, HRSG - unit capacity: 30 to 250MW and Hydel power plant 35 MW, currently looking for an assignment in IPP/ CPP/ Boiler/ HRSG worldwide.

TARGET ROLE: GM/ VP/ Plant Head/ O&M Head/ Operations Head/ Technical Head/ Project Head/ Commissioning Head/ Technical Advisor.

EDUCATION

1982: **BE (M)**, IEST, Shibpur, Howrah, India

2013: **MBA (Operations)** –NIBM, India

CERTIFICATION

1997: **BOE**- Directorate of Boiler, Kolkata, India

2009: **ISO 9001:2008 Internal Auditor** – NABET, India

2010: **TBEM** –TQMS, India

WORK EXPERIENCE:

Tata Consulting Engineers Ltd: July 2008 to October 2020

Maximum team size handled: 50 employees

Last Designation: General Manager, Power Business Unit

Job Description:

- Supervised **commissioning** of 6x225 HRSG & 6x225 **steam turbine** at Qurayyah IPP, KSA
- Conducted commissioning & **fuel optimization** of 2x600MW at DB Power, Chhattisgarh
- Executed **Pre-commissioning**, commissioning, **PG test witness** for 2x525MW Maithon TPP
- Assisted internally the commissioning of 5x800MW power plant at Mundra, India
- Managed **O&M audit** 350 MW Captive Power Plant HMEL refinery, Bhatinda, Punjab, India
- Succeeded **project management & engineering** Support to CESC Budge Budge 250MW TPP
- Performed **contract & commercial management** and **claim management** for Punj Lloyd – EPC vendor for 2X300MW Thermal Power Plant of Haldia Energy Limited.

- Achieved **plant betterment & PG test witness** of HM-Coke TPP (2X45MW + 1X30MW)
- Composed **DPR** for 2X68 MW combined cycle power plant, Agartala, Tripura, India
- Directed commissioning of **Co-gen power plant** (4MW) of Cabot India, Thane, Mumbai
- Prepared **commissioning checklist** for BTG & BOP
- **Imparted training** on BTG & BOP
- Organized and implemented **ISO 9001:2008 audit**
- Produced **project & process audit** check list
- Reviewed technical documents and developed **standard operating procedures (SOP)**
- Participated walk down, **consolidated punch list items and resolved the issues**
- Administered the function of **Quality Management System Coordinator**
- Initiated **Balanced Score Card (BSC) implementation** for functional heads
- Implemented **Tata Business Excellence Model (TBEM)**
- Interviewed engineering candidates for **recruitment through on & off campus**

Achievements

- Honoured for PG test inspection & witness of 2x525 MW Maithon thermal power plant
- Awarded for **betterment** of 120MW Hooghly Met-Coke power plant
- Appreciated for exceptional contribution as QMSC
- Accelerated **innovation** contest participation
- On-time completion of 2x300 MW coal fired power project of Haldia Energy Limited

WBPDC & WBSEB: July 1983 to June 2008

Maximum Team Size Handled: 500 employees

Last designation: Sr. Manager

Job Description:

- Expedited **commissioning** of BTG and BOP (Water Systems, CHP & AHP)
- Spearheaded **power plant O&M**
- Mastered the assignment of Control Engr., Shift Charge Engineer, Manager & Sr. Manager
- Pioneered in **trouble shooting** of BTG & BOP (**water system, CHP & AHP**)
- Streamlined **inspection, pre-commissioning & commissioning**
- Managed coal fired power plants: Santaldihi TPP: 4X120 + 2X250 MW, Bandel TPS: 4 X 87.5 MW + 210 MW, Kolaghat TPP: 6x210 MW and Jaldhaka Hydel Plant: 3X9 + 2X4 MW
- Involved in O&M of **DG set**

- Introduced **condition monitoring** of rotary equipments
- Established **import substitution & vendor development**
- Developed **spare parts management**
- Implemented **lubrication schedule**
- Prepared **coal mill/ pulveriser maintenance schedule**
- **Trained up, motivated, guided, led and controlled** young engineers
- Upheld O&M of **Coal Handling & Ash Handling Systems**
- Modified & updated **O&M Manual**
- Improved **departmental administration**
- Administered **Store & Purchase** functions
- Established **standard time** for each operational & maintenance activity
- Successfully **analyzed project/ activity delay**

Achievements

- Reduced **O&M budget** by 20%
- Eliminated excess **manpower** (20% approx)
- Optimized **specific fuel oil consumption** (25% approx) & earned award
- Enhanced **PLF**

Bridge & Roof, India: Jul '82 to Jun '83:

Graduate Engineer Trainee: Executed fabrication, erection & testing of large diameter underground urea piping at RCFC project

PERSONAL INFORMATION

Postal Address: 2B Parijat Apartment, Kaikhali Daspara, Airport, Kolkata 700052, WB, India

Passport: K5212789 (Expiry: 20/09/2022)

Languages Known: English, Hindi & Bengali

Computer Skills: MS Office, MS Outlook, Power Point, Excel & Internet

Attitude: Team-Oriented, Creative & Cooperative

Date of Birth: 1st Nov 1960