

AMIT BISWAS

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An electrical engineer having more than three years of experience of utility thermal power project in testing, commissioning and O&M of various electrical equipments and having a track record of successful commissioning of large utilities on time.

SUMMARY

WORK EXPERIENCE: -

Organization: JINDAL INDIA THERMAL POWER LTD., DERANG, TALCHER, ODISHA

Position: Sr. Engineer - Electrical

Period: August-2013-till date

JOB RESPONSIBILITY AS MAINTENANCE ENGINEER:

- Currently working in EMD, undertaking maintenance of **equipment in BTG & 400 KV Switchyard area.**
- Good understanding of protection scheme, line drawings of switchyard and HT & LT switchgear panel, and having working experience of numerical relay setting parameterization.
- Preparing schedules for preventive maintenance, checklists for daily, weekly or monthly checks for equipment supervision and ensuring strict implementation.
- Analysing maintenance issues, root cause analysis and carrying out modifications and CA/PA to ensure zero forced outage.
- Familiar with **PERMIT TO WORK system, safety isolations, standard operating procedures (SOP), SAP environment** and spare parts inventory management.
- Have first-hand experience in testing and commissioning of **400 KV, 12 Bay SWITCHYARD** of SIEMENS make one and half breaker scheme.
- Involved in testing and commissioning of **Generating transformers** (400/21 KV, 3*250 MVA), **unit & station transformer** (21/11 KV, 50 MVA each), **Unit auxiliary transformers** (11/6.6 KV, 16.5 MVA) – **BHEL**, and their control and protection schemes.
- Commissioning experience of **600 MW BHEL make, Water cooled stator, H₂ cooled rotor Turbo-generator and brushless excitation system.**
- Testing and commissioning experience of SIEMENS, BHEL make HT switchgear, 11 KV & 6.6 KV HT motors and LT motors of various auxiliaries, and emergency DC systems.
- Have experience in testing and commissioning of High capacity emergency DG system (2*2000 KVA), and **11 KV Bus transfer system.**