

RESUME

NITIN CHANDRAKANT CHAPHEKAR

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Date of Birth: 01-01-1973

EDUCATIONAL QUALIFICATION: B.E. (ELECTRICAL),
Govt. College of Engineering,
Pune (COEP) - May 1994

D.E.E, Govt. Polytechnics, Pune-
May 1991

TOTAL WORK EXPERIENCE: **25 Years**

EMPLOYMENT RECORD:

SR. NO.	ORGANISATION	DESIGNATION	DATE
1.	SHAPOORJI PALLONJI & CO LTD	Addl. General Manager	Nov 2014- Till date
2.	THERMAX INDIA LTD	Senior Manager	Mar 2005– Nov 2014
3.	UHDE INDIA LTD	Senior Engineer	Oct 2002 – Feb 2005
4.	TATA CONSULTING ENGINEERS	Senior Engineer	Nov 1995- Oct 2002
5.	TATA ELECTRIC CO's	Graduate trainee engineer	Aug 1994-June 1995

KEY ROLES

- Engineering Manager
- Group Head -Electrical and C&I Department
- Lead Engineer
- Proposal engineer
- Team member and coordinator from engineering for Project Transcend:- Business process revamping with Accenture
- ERP Core team member from Engineering

ACHEIVEMENTS

- Selected and successfully completed Leadership Development program for senior managers
- Recognitions as achiever and super achiever
- Selected as core team member for Business process revamping and ERP implementation from engineering

DEVELOPMENT ACTIVITIES:

- Development of Electrical Design Automation Program (EDAP)
- Preparation of standard Electrical Specifications, control schemes, calculations etc.
- Development of check lists for Electrical vendor drawing review
- Cycle time reduction for major packages like Switchgear
- Cycle time reduction for completion of Electrical engineering in 11 months
- Generation of part codes and logic in ERP

JOBS EXECUTED:

A. POWER PLANT / SWITCHYARDS

- YUMM Power- Pre-Bid Engineering and Review engineering for 2 X 40 MW Peat Fired Power Plant at Rwanda, Africa
- SP Infra- LNTP Engineering for 225 MW CCPP at Bhola, Bangladesh
- Grasim- Detailed Engineering for 3 x 33 MW Coal based Captive Power Plant at Bharuch, Gujarat
- J K Cement - Detailed Engineering for 2 x 25 MW Coal based Captive Power Plant at Mudhol, Karnataka
- SAIL - Detailed Engineering for 1 x 42.5 MW Gas fired Captive Power Plant at Rourkela Steel Plant, Orissa (Package-011)
- Gulbarga Power (Vicat Sagar)- Detailed Engineering for 1 x 30 MW Coal based Captive Power Plant at Gulbarga, Karnataka
- Indian Rayon- Detailed Engineering for 1 x 20 MW Coal based Captive Power Plant at Veraval, Gujrat
- J K Cement - Detailed Engineering for 1 x 22 MW Coal based Captive Power Plant at Nimbaheda, Rajasthan
- J K Cement - Detailed Engineering for 1 x 15 MW Waste Heat Recovery Captive Power Plant at Nimbaheda, Rajasthan

- TELCO- Detailed design engineering for installation of 220/22 kV, 50 MVA transformer and associated equipment at Telco, Pune plant
- Tata Electric CO's- Preparation of Control wiring diagrams / schematics for various Receiving Stations of TEC in Mumbai.
- Tata Honeywell- Technical support for electrical system under Honeywell, China for 2 X 350 MW Qitaihe power plant in China.
- Tata Finance Ltd.- Performance monitoring of wind mills at Satara and AhmedNagar, Maharashtra

B. PROCESS PLANTS-

- Saudi Arabian Fertilisers Co. Ltd (SAFCO)- Detailed Engineering for Offsite & Utilities for Expansion of Ammonia, Urea Plant in Al-Jubail, KSA
- Kanoria Chemicals & Fertilisers Co. Ltd.- Engineering services for dismantling and installation of PAC Plant at Renukoot, UP
- Sanjana Cyogenic Storages Ltd - Setting up Ammonia storage facilities at Haldia, West Bengal

C. INDUSTRIAL / WATER TREATMENT PLANTS

- Thermax- Detailed design engineering for River water intake system for 103 MW Tennaga BK Power Ltd, Trichi
- Pune Municipal Corporation- Constancy services for sewerage treatment plants.
- Bajaj Auto Ltd- Report on augmentation of electrical supply system at Akurdi and Waluj plants.
- Matsushita Washing Machine- Detailed design engineering for washing machine plant at Ranjangaon near Pune
- Tata Yazaki- Detailed design engineering for wiring harness plant at Wagholi, Pune
- Tata Electric CO's- Detailed design engineering for Kundli pumping scheme- phase-II

As Trainee Engineer

- Training for first three months in various generating and receiving stations of TEC. Placed in operation and maintenance department of Bhira hydro station. Worked in Bhira pumped storage plant (150 MW) for short duration.

ENGINEERING ACTIVITIES:

- Detailed design engineering like transformer sizing, fault level calculations, control & protection schemes, logic diagram, control wiring diagrams, Synchronising schemes, Relay Setting and co-ordination, Motor starting study, CT sizing, cable sizing, earthing and lightning protections, cable and interconnection schedules, Preparation of electrical I/O list for DCS
- Design and drawing preparation for Single line diagrams, substation room layouts, cabling, earthing, lighting and lightning layouts, civil input drawings for substation buildings, switchyards, equipment foundations etc.
- Preparation of specifications, tendering, technical & commercial bid analysis and purchase recommendation for various electrical equipment like Generator system, transformer, GIS, HT switchgear, LT switchgear, motors, etc
- System Study- Load flow study, Short Circuit study, Motor starting, Relay coordination on ETAP
- Project management, which involve preparation of cost estimates, bar chart, drawing schedules, procurement schedules etc.
- Inspection of transformer, LT switchgear, and capacitor panels, NGR, LA, UPS, Motors etc.
- Testing and commissioning supervision for 220 kV switchyard
- Proposal preparation (Designing of electrical scheme, specifications and cost evaluation) for captive power plants.
- Review of engineering work by Consultants like TCE, DCPL etc.

MANEGERIAL ACTIVITIES

- As Engineering Manager
 - ✓ Ensured strong Engineering processes such as Document Control, Document Management
 - ✓ Responsible for Engineering resource planning
 - ✓ Creation of standrd procedures, checklist and guidelines for Engineering activities
 - ✓ Review of performance and the status of the project engineering
 - ✓ Value Engineering initiatives
 - ✓ Pre-Bid activities like participation in meetings, preparation of technical offer, support for commercial offer
- As Group Head
 - ✓ Ensuring proper technical guidelines, checklists, standard & master drawings/ documents are made available & that they are fully used/ complied with for all the discipline activities to support project deliverables