
GAUTAM BASU

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PRODUCT & SPECIFICATION ENGINEERING

Modeling leading technology solutions with an understanding of the unique challenges of the region.

CRISIS MANAGEMENT

Develop innovative solutions using analytical and cross-functional teams to resolve

BUSINESS TRANSFORMATION & ASSET MANAGEMENT

Transforming companies to operate with enhanced exploration and production driving profitability and growth at scale.

TESTING & QUALITY CERTIFICATION

Create a full picture of the product test stages and implications of decisions to meet international standards.

EXPERTISE

Process Optimization
Business Transformation
Workforce Management
Service Engagement
Product Development
Engineering Specification
Testing & Quality Certification
Extended Professional Network

HIGHLIGHTS

Knowledge of specs of AIS, GIS and RMU product development

Expertise in type test

Set up of new manufacturing facilities

Technology transfer from european market to adapt in local market

Set up a 15 KV, 40 KA- MV Panel factory with efficient flow line, use of jigs and fixtures, Kanban, inventory control, BOM accuracy and lean line manufacturing.

Established a new product line in Malaysia in first six months of joining.

Developed product line and quality processes for new product line — 40 KA Air Insulated Switchgear.

EXPERIENCE

DIRECTOR MEDIUM VOLTAGE PRODUCTS

Nov '15-Present

Al Hamad Int'l Switchgear, UAE

Responsible for leading design, development and engineering activities of 11/17.5 & 33 KV AIS & GIS switchgear for national and international market.

Development & manufacturing prototypes, planning type test activities in international test laboratories like KEMA & CESI and executing the same successfully.

Set up a world class facility in Abu Dhabi for assembly activities of Medium Voltage Switchgear. Have implemented ISO certification, Quality management systems & modern state of the art production lines.

Developed a strong supply chain from different parts of the world with a focus to cost, delivery & quality at the component level. Launched a number of new switchgear products in the GCC through exhibitions, seminars & technical discussions.

JOINT GENERAL MANAGER

Jul '13-Nov '15

Larsen & Toubro & Tamco, Malaysia/KSA

Responsible for settling a new plant in KSA for products as per customer specifications. Handling activities related to the transfer of technology from the the main plant in Malaysia and the quality certifications along with customer approvals.

Looking after development of the local manufacturing facilities and undertaking activities related to laying out flow line as per international standards to deliver highest productivity.

HIGHLIGHTS

Conducted various tests on prototypes —
Short time current with rated peak
current of 25 KA for 1 and 3 secs,
Making an breaking test under short
circuit resistance,
Dielectric tests including power
frequency, BIL lightning impulse, partial
discharge, temperature rise,
Measurement of resistance on main
circuit and capacitive current switching,
Operational and mechanical tests
internal arc- 25 KA, 1 sec and AFLR.

Set up 3 divisions — Oil RMU, LV
Panels, Overhead HV Disconnecter

Projected, justified, executed purchase of
4 Laser TRUMPH Machine Centers, 3
CNC Bending Machines, CMC Copper
Cutting and Bending Machines.

Managed CNC fabrication machinery
activities and flexible assembly line for
producing different Trident variety 15.5
KV ring main units and major green
filed projects.

Augmented sales revenue by 25% in an
annual basis.

EDUCATION

Bachelors of Engineering
(Electrical)
Regional Engineering College,
Rourkela

Post Graduate Certificate
Project Management
IIM Lucknow

GENERAL MANAGER

HS Switchgear & Energy Concepts FZCO, Dubai

Jun '09-Jul'13

Monitored products produced in Dubai— eclipse range of
switchgear rating 11 KV, bus bar rating 1250 AMPS, STC- 25
KA for 3 secs sourcing all plant and equipment, implementing
ERP system for efficient manufacturing operations through
Quality Management Systems (QMS).

Tested prototypes in the presence of ADWEA witnesses as per
IEC 62271-100 and IEC 62271-200.

PRODUCTION MANAGER BUSINESS UNIT MANAGER

Lucy Switchgear FZE, Dubai

Feb '01-Jan '03

Jan '03-Jun '09

Spearheaded team of more than 200 employees; implementing
design and manufacturing methodology, executing assembly flow
setting SMART objectives, contract review, forecasting and MIS
reports line— tripling through production rate, project execution
and customer relation.

Drove down costs by continuous improvement of process and
material flow while maintaining high standards of quality to
obtain ISO certification.

Imparted training to pesonnel for manufacturing of product and
headed UAE Blue Collars associates through the health system,
serving as a troubleshooter for health relates issues.

Executed projects with utilities like DEWA, SEWA, ADDC and
ADWEA and other utilities in GCC, UK and Southeast Asia.

PREVIOUS EXPERIENCE

MANAGER PROJECTS & MEDIUM VOLTAGE SWITCHGEAR

Alstom Limited, Calcutta, India

Mar '93-Feb '01

SENIOR ENGINEER DIVISION IN-CHARGE MANUFACTURING ENGINEER

Hindustan Motors, Calcutta, India

Jan '90-Feb '92

Jan '88-Jan '90

Jan '86-Jan '88
