



SUMMARY REPORT OF

**"ONE DAY INDUSTRIAL VISIT
AT L&T KNOWLEDGE CITY "**

Switchgear Training Centre-
Vadodara

Larsen & Toubro Ltd.

Executive Summary

On 9th January 2020 : 45 Student Electrical Engineering Visited L&T Knowledge City With 2 Faculty : Mr.. Jay Patel, Ms. Nidhi Shah

Detailed Summary

The L&T Knowledge City At Vadodara In Gujarat Is The Hub Of Several Key Business Of The Group. The Power Business Operates Out Of The Facility, As Does Mid & Downstream Hydrocarbon And L&T's Technology Services & The Engineering Jv L&T Sargent & Lundy.

The Campus Offers Single Point Design Engineering And Development Solutions For Core Sector Industries. The Knowledge City Campus Takes A Lead In Green Initiatives And Is Widely Recognised For Its Sustainability & Community Centric Efforts. The Water Conservation Effort Alone Sees Recycling Up To 25,000 Litres Of Water Per Day And Zero Waste Discharge, And Sets Other Benchmarks Illustrating L&T's Commitment To Sustainability

Electrical & Automation (E&A), Leaders In The Low Voltage Switchgear Category, Is One Of The Key Business Portfolios Of Larsen & Toubro Limited, A Major Indian Multinational In Technology, Engineering, Construction, Manufacturing And Financial Services, With Global Operations.

E&A Business Comprises Low And Medium Voltage Switchgear, Electrical Systems, Marine Switchgear, Electrical And Automation Systems Integration, Energy Meters & Relays. Its Products And Solutions Cater To Industries, Utilities, Infrastructure, Building And Agriculture Segments.

A Major Strength Of L&T Is Its In-House Design And Development Centre For Switchgear As Well As A Tooling Facility That Designs And Manufactures A Wide Range Of High Precision Tools, A Pre-Requisite For High Quality Products. L&T Continuously

Promotes A Culture Of Experimentation That Facilitates Innovation And Creation Of Intellectual Property

As India's Leader In Low-Voltage Switchgear, L&T Spearheaded The Cause Of Generating Awareness On Electrical Hygiene In The Country. The Initiative Began By Training Electricians In Remote Villages On Agricultural Switchgear Products. It Was Later Extended To Industrial Engineers And Workmen Who Were Imparted Training On Industrial Switchgear Products At A Single Location. In 1986, L&T Set Up Its First Non-Profit Switchgear Training Centre (Stc) In Pune With The Objective Of Enhancing Knowledge And Necessary Skill Sets Of Personnel For Proper Maintenance And Efficient Working Of Electrical Equipment And Systems For Industry-Wide Improvements In Productivity And Higher Profitability. Later, Such Centres Came Up In Connoor, Lucknow And Vadodara. Stcs Promote Good Electrical Engineering Practices And Provide An Excellent Platform For Discussions And Learning On Technical Issues. Stcs Adopt An Unbiased, Generic Approach Of Switchgear – Their Selection, Installation, Safety, Maintenance Criteria, Energy Conservation Techniques, Etc. So As To Cater To The Maximum Number Of Industry Aspirants. The Target Audience Comprises All Users Of Low-Voltage Switchgear – Electricians, Technicians, Maintenance Supervisors, Engineers As Well As L&T's Customers And Business Associates Such As Panel Builders, Oems, Consultants, Contractors, Electrical Utilities As Well As University Faculty And Students From India And Abroad

Training Methods Include Theory-Based Classroom Sessions, Video-Based Instructions, Workshops, Practical Demonstrations And Hands-On Training For 'Learning By Doing'. The Appropriate Mode Is Selected To Suit The Target Audience's Profile Such As Maintenance, Project, Design Etc.

Program Name : Industrial Training Program

Duration : 1 Day

Total Participants: 45

Program Schedule

Program Commencing : 9:30 Am

9:30 Am To 11:00 Am : Introduction To Electrical System And Switchgear Basic

11:00 Am To 11:15 Am : Tea Break

11:15 Am To 1:30 Pm : Switchgear Product Overview

1:30 Pm To 2:00 Pm : Lunch Break

2:00 Pm To 3:30 Pm : Practical Demonstration & Testing

3:30 Pm To 4:00 Pm : Closing

Program Content

Introduction

Basic Of Electricity

What Is Switchgear ?

Switch Gear Different Terminology

Different Switch Gear Products Of L&T

Practical Demonstration Of Electrical Equipment

Glimpses of Industrial visit

❖ Electrical Engineering

