TENSILE | INDIA

CORPORATE & INDUSTRIAL COMPETENCY PROGRAMS

List of Training Programs

Technical, Quality, Lean & Behavioral Modules

Structured catalog of corporate and technical training programs for manufacturing plants, automotive engineering, quality assurance, frontline supervisors, and executive leadership.

01
Technical & Manufacturing

Fastener engineering, wire rod metallurgy, cold forming kinematics, thread rolling, heat treatment (CQI-9), plating & metrology.

- **Shop-Floor Technical Excellence**

02
Quality & Lean Manufacturing

IATF 16949 core tools (APQP, PPAP, FMEA, SPC, MSA), 8D problem solving, 5S visual factory, SMED die changeover, TPM & Lean Six Sigma.

- **Zero Defects & Process Rigour**

03
Supervisory & Soft Skills

Frontline supervisory coaching, Daily Work Management, team building, executive leadership, negotiation, communication & customized modules.

- **Workforce & Leadership Culture**

Technical & Manufacturing Training Topics

Comprehensive engineering and shop-floor manufacturing competencies.

PRIMARY MANUFACTURING PROCESSES

01 Raw Material & Wire Rod Metallurgy (Grades, Annealing, Drawing, MTC)

02 Cold Heading & Forming Kinematics (1D2B, 2D3B & Multi-Blow)

03 Secondary Operations & Precision Thread Rolling (Flat & Cylindrical)

04 Industrial Heat Treatment Processing & Furnace Atmosphere (CQI-9)

05 Surface Finishing, Electroplating & Zinc Flake Coatings

METROLOGY, TOOLING & PLANT SAFETY

01 Dimensional Metrology, Gauging & GD&T Inspection

02 Mechanical Testing & Metallurgical Lab Practice (UTM Proof Load)

03 International Fastener Standards (ISO, DIN, ASTM & PPAP Level 3)

04 Tool Room Management, Carbide Dies & Die Life Optimization

05 Shop Floor Safety, Machine Guarding & EHS Interlocks

Quality Systems & Core Tools Training Topics

Automotive quality standards, defect prevention, and ISO auditing frameworks.

AUTOMOTIVE QUALITY CORE TOOLS

01 APQP – Advanced Product Quality Planning

02 PPAP – Production Part Approval Process

03 Defect Prevention through FMEA (AIAG-VDA Harmonized Standard)

04 SPC – Statistical Process Control

05 MSA – Measurement System Analysis

06 Quality Improvement through Error Proofing & Poka-Yoke

ISO STANDARDS & AUDITING SKILLS

01 Internal Auditor TS 16949 / IATF 16949:2016

02 Internal Auditor ISO 9001:2015 (Quality Management System)

03 Internal Auditor ISO 14001:2015 (Environmental Management System)

04 Internal Auditor ISO 45001 / OHSAS 18001 (Occupational Health & Safety)

05 Internal Auditor Skills & Process Auditing Techniques

06 Instrument Calibration & Metrology Traceability

Lean Manufacturing & Operational Rigour Topics

Shop-floor efficiency, setup reduction, equipment reliability, and waste elimination.

SHOP-FLOOR EXCELLENCE & PROBLEM SOLVING

01 5-S, Visual Management & Visual Factory Control
02 Effective Problem Solving through : 8-D and 5W1-H
03 Continuous Improvement Through Kaizen and PDCA
04 Overall Employee Involvement through Quality Circle
05 Productivity Improvement through Quick Changeover (SMED)
06 Total Productive Maintenance (TPM) & Autonomous Maintenance
07 Manufacturing Excellence by focusing on Cost Of Poor Quality & OEE

LEAN FLOW, VSM & SIX SIGMA

01 Lean Manufacturing by focusing on Value Stream Mapping (VSM)
02 VSM Case Study & Implementation Workshop
03 Toyota Production System, JIT & Line Balancing
04 Pull System (Kanban) & Heijunka (Leveled Scheduling)
05 3M Identification (Eliminating Muda, Muri & Mura)
06 Introduction to Lean Manufacturing
07 Lean Six Sigma Yellow Belt & Green Belt Certification Programs

Supervisory & Behavioral Training Topics

Frontline leadership, communication synergy, shop safety, and operational discipline.

SUPERVISORY & TEAM LEADERSHIP

01 Frontline Supervisory Skills & Cell Leadership
02 Daily Work Management (DWM) & Shift Handover Discipline
03 Workplace Communication & Inter-Departmental Synergy
04 Team Building & Working in Teams
05 Self-Management & Leadership Development
06 Personal Effectiveness Program (PEP)

SHOP CULTURE, SAFETY & DISCIPLINE

01 Behavior-Based Safety (BBS) & Shop Floor Ergonomics
02 Supply Chain, FIFO & Warehouse Traceability Discipline
03 Digital Shop Floor, MES & ERP Shift Data Entry
04 Time Management, Priority Setting & Effective Delegation
05 Manners, Business Etiquette & Code of Conduct
06 Workplace Ethics & POSH Compliance Awareness

Management, Sales & Soft Skills Topics

Executive management, high-stakes negotiation, corporate communication, and commercial growth.

EXECUTIVE LEADERSHIP & COMMUNICATION

01 Manager to Leader Transition
02 Managerial Effectiveness & Strategic Delegation
03 Business and Written Communication & Email Etiquette
04 High-Impact Presentation Skills
05 Assertiveness Skills & Inter-Personal Effectiveness (PIPE)
06 Resolving Conflicts & Difficult Conversations
07 Stress Management & Work-Life Balance
08 Mentoring & Counselling Skills

COMMERCIAL, SALES & MANAGEMENT

01 Negotiation Skills (B2B Commercial & Contractual)
02 Selling Skills (Industrial & Engineering B2B)
03 Key Account Management (KAM) & Customer Relationship Marketing
04 Marketing Management, Research & Sales Promotion
05 Finance for Non-Finance Managers
06 Supply Chain Management (SCM), Planning & Scheduling
07 Performance Management System, Appraisal & Feedback
08 Train The Trainer (TTT) Certification Program

ENGAGEMENT & DELIVERY

Customized Training Programs as per Requirements

Tailored modules delivered on-site at client plant premises across India.

CUSTOMIZED CORPORATE TRAININGS

◆ Tailored to Your Plant Needs
Trainings are customized around your actual machine models, tooling types, part drawings, and customer quality agreements.

◆ Delivered On-Site at Your Factory
Conducted directly at your manufacturing facilities, tool rooms, testing laboratories, and training rooms.

◆ Blended Theory & Practical Bench Work
Combining classroom interactive lectures with live shop-floor audits, machine setups, and gauge practice.

◆ Train-The-Trainer Modules
Developing internal plant champions and shift leaders to sustain and scale operational standards.

◆ Targeted Quality Clinics
Focused problem-solving workshops targeting plant-specific issues such as high scrap, heading cracks, or customer PPM.

TENSILE-INDIA TRAINING DESK

Tensile-INDIA delivers specialized corporate training and industrial consulting across the fastener, automotive, and precision engineering sectors. Led by seasoned corporate trainers and industry practitioners with over 26 years of hands-on plant experience.

Training & Sourcing Desk: +91 7015500732

Corporate Email: team@tensile-india.com

Direct Consultant Email: pradeep@tensile-india.com

Official Website: www.tensile-india.com

Registered Address: #205, IDC, Rohtak 124001, Haryana, INDIA