ELITE TEKNICA PRIVATE LIMITED

When Performance Matters...





Automation | SPMs | CNC Retrofitting | Industrial Systems | Precision Machined Component manufacturing





Vision

To become the Supplier of Choice for the value-focused customers in the field of Engineering, providing one-stop & end-to-end solutions par excellence in terms of Quality, Cost & Delivery.

Mission

Achieve Organizational excellence by identifying, developing & deploying the best-in-class resources, technology & engineering practices complimented by a high ethical, conducive, transparent, positive & vibrant work environment & culture.



Goal

To be a leading player in the field of manufacturing of

- Precision Machined Component manufacturing
- → Tools, Jigs and Fixtures, design & manufacturing
- Automation, refurbishing, servicing & SPM by achieving customer delight and exceeding stakeholders expectations on sustainable basis.

Strategy

- Customer centric approach: VOC & Customer Value Propositions
- ↑ Max. Value add in terms of Quality, Cost & Delivery
- ♦ Business excellence: High integrity, professional & ethical standards
- ♦ Best-in-class: Technology, resources, work cultures & engineering practices
- ♦ Conducive & open work environment: System driven & equal opportunity Co.





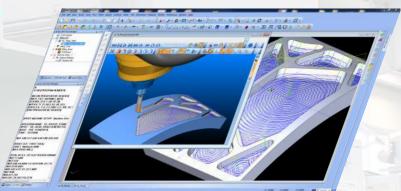


Facilities

- ♦ 4000 Sqft built Area with separate CNC Mfg., Tool Room & M/c assy. sections
- Highly trained, skilled & qualified manpower
- Robotics, Automation, SPM, Industrial Systems design & development
- ♦ CNC retrofitting, M/c refurbishing & AMC capabilities
- → Metrology Section with GD&T Compliance
- ♦ Use of APQP, PPAP, Six Sigma, MSA, DMAIC, DMADV methodologies
- ♦ 3D Designs, CAD / CAM & PLC Programming Capabilities
- ♦ Customer Communications : Auto report generation system

CAD / CAM







Strategy

- → Top down approach for Q policy deployment
- Employee engagement by encouraging seamless participation at all levels
- ♦ Create a conducive environment with onus on data, integrity and high ethics
- → Frequent quality workshops, Kaizen, Poka-yoke, MSA, SPC /SQC, etc.
- ♦ Continuos improvement, FTQ, Lessons learnt, Gate reviews
- Six Sigma Problem solving methodologies, DMADV/DMAIC, QFD etc.
- ♦ Quality Audits and Certifications, Quality metrics score card and QRM



Precision Machined Components





- Prismatic & High Criticality Parts Capability
- Hard part Machining Capability (Upto 60HRC)
- → Dedicated machine shop available with CNC Turning and VMCs
- → Highly critical parts for aerospace applications with low volume & high mix capability
- ♦ Repeatability & reproducibility: Parts with close tolerances <10μ
- ♦ Materials: All Types of exotic & hard alloys, Stainless steel, Al, Cu, Ti, Mg Alloys etc.
- ♦ GD&T Design Parts Capability

Jigs and Fixtures















- Concept to Design to Proving
- ♦ All types of job clamping & positioning fixtures
- ♦ Incorporating hydraulic & pneumatic clampings
- ♦ All sorts of jigs & gauge designs
- PLC integration for poka-yoke with alerts

Automation, SPMs & Robotics





- ♦ Automated cells using Pick & Place, Gantry & Conveyor Robots
- Machining, Welding, Leak testing, Washing & Line assembly Applications
- Robots from ABB, Fanuc, Kuka, Panasonic, Yasakawa Motoman etc.
- Gantry, Conveyor, Pick & Place, Positioning, Seat Sensing etc.
- Complete Automation of production lines using Gantry, IPG, MIS etc.
- ♦ Single cell, Multi cell & Continuous production lines



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