

MUKUNDKUMAR KANTILAL PANCHAL



DOB: 13th Nov 1979
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Work Experience

Hitek Engineering FZCO, Dubai, UAE Oil & Gas Services (API Certified)	Machine shop Supervisor	March 2018 – October 2018
Saurer textile solutions, Vadodara	Machine shop engineer	April 2015- February 2018
Thermax Ltd, Vadodara	Executive	Dec 2009 - April 2015
Sameer Linkages Pvt. Ltd, Vadodara	Machine Shop supervisor	Dec 2007 – Nov 2009
Cosmos Engitech Pvt.Ltd, Vadodara	Machine Shop supervisor	Jan 2005 – Nov 2007
Center for Advancement of manufactuRing-technology, Rajkot- branch, (CMTI Bangalore)	Trainee technician	Feb 2004 – Dec 2004
Cosmos Engitech Pvt.Ltd, Vadodara	CNC Machine Operator	Jan 2002 – Jan 2003
Anup Engg.Ltd Ahmedabad	Apprentice Engineer	June 2001- Nov 2001

Educations & Professional Certifications

Exam passed	From	Passing Year	Percentages
S.S.C	G.S.E.B	March, 1995	80.86
H.S.C	G.S.E.B	March, 1997	47.69
D.M.E	T.E.B(B.B.I.T, V.V.Nagar)	October, 2000	60.42

CAD CAM Software – Solid EDGE, NX CAM, Solid works, CAM works

HITEK Engineering FZCO,Dubai,UAE

Position – Machine operator Supervisor

- Job planning & Execution as per assembly / customer requirement.
- Supervision of CNC machine shop.
- Programming of CNC machine tool manually & with the help of CAM.
- Developed fixtures as per product requirement.
- Hands on training to the operators related to the tooling, job / machine settings, & operations.
- Selection & procurement of proper tooling, according application.

Saurer textile solutions,Vadodara,India

Position – Machine shop engineer

- Doing programming and setting up work of the CNC machines.
- Established work shop with new machines installation
- Development of new parts machining
- Leading 50 members team

Thermax Ltd, Gujarat, India

Position: Deputy Executive

- Doing programming and setting up work of the CNC machines.
- TPM implementation, tool selection, Process planning and job handling on machine during peak hours.
- Report to the Associate Manager and lead a team of 9 supervisors and 250 workers in welding and fabrication of drums and barrels for boilers and heaters and pressure vessels.
- Provide effective leadership to consistently achieve targets for production including cycle time, control of work in progress (WIP) and adherence to handing over schedules.
- Monitor manufacturing processes to identify and eliminate deviations, and reduce repair and rework to below targeted rates.
- Conduct process gap analysis and develop suitable corrective and preventive actions (CAPA) to achieve targeted process improvements.
- Contribute to continuous improvement projects based on 5S to eliminate waste and improve overall equipment efficiency (OEE).
- Look after maintenance of ISO 9001, ISO 14001 and OHSAS 18001 requirements in the department including documentation, audits and resolution of non-conformances.
- Participate as a team leader/team member in World Class Manufacturing (WCM) projects to improve productivity and performance standards
- Enforce all safety rules and regulations and promote safe working through tool box talks, investigation of first aid cases, conducting why-why analysis of incidents and near misses and implementing recommended remedial measures.

Machines used

1. Vertical Turning lathes WMW make-VL43 model Ø4m chuck
Chuck Ø4m
Work Height to be load 2.7m
Load capacity=40Ton
RPM max=50 in turning mode &2000 in milling mode
2. Horizontal Boring Machines Juaristi make-MX7 model
X=12m, Y=2m,Z=1.5m
RPM= 5000Max

Part Machined

- 1 Turbine casings
- 2 Boiler drums

Sameer Linkages Pvt.Ltd, Baroda

(involved in the production of cylindrical connectors, Rod ends and ball joints, quick couplings, push pull connectors)

<http://www.sameerlinkages.com/>

Position: Engineer Production

- Programming of CNC machine tool manually & with the help of CAM.
- Developed fixtures as per product requirement.
- Hands on training to the operators related to the tooling, job / machine settings, & operations.
- Selection & procurement of proper tooling, according application.
- Developing & maintaining the Processes chart.
- Job planning & Execution as per assembly / customer requirement.
- Supervision of CNC machine shop.

Machines used (Hass make)

Turning centers (SL Series)
(X=300mm, Z=400mm)
Turn mill centers
Vertical machining centers (VF Series)
(Up to X=350mm, Y=400mm, Z=350mm)

Parts machined

Job work of different parts from ABB, Bombardier, Alstom, Areva, etc.

Cosmos Engitech Pvt.Ltd, Baroda,

India (offers in-depth expertise across a wide spectrum of CNC Machine Tools from Smallest Milling Machine to Large Double Column Machining Centers to cater various customer segments.)

<http://www.cosmos.in>

- Programming of CNC machine tool manually & with the help of CAM.
- Developed fixtures as per product requirement.
- Hands on training to the operators related to the tooling, job / machine settings, & operations.
- Selection & procurement of proper tooling, according application.
- Developing & maintaining the Processes chart.
- Inspection of finish parts with Visual, Microscope, Shadowgraph, & Measuring instrument.
- Job planning & Execution as per assembly / customer requirement.
- Supervision of CNC machine shop.
- Guidelines to Design Engineer about jigs & fixture as per job requirement

Parts machined

- Turret gear boxes machining on machining centers
- Turret machining on turning centers & machining centers
- Reni saw make CMM probe body machining
- CAM profile machining on turning & machining centers
- Job work of different parts from ABB, Bombardier, Alstom, Areva, Weatherford.

Central Manufacturing Technology Institute, Rajkot, Gujarat, India

Here I worked as trainee technician where my task was to calibrate measuring instruments.

Cosmos Engitech Pvt. Ltd, Baroda

Here I worked as CNC machine operator where my task was to operate, program, setup making on CNC machines like turning centers, Horizontal and Vertical machining centers, VTL, Horizontal Boring machine, Turn mill etc

Anup Engineering Ltd, Ahmadabad , Gujarat

Worked as apprentice engineer