

Growth of Business :

Nestled on the banks of majestic Panchaganga river in the idyllic foothills of grand mountains and forts such as Panhala gad, Vishal gad you will find Qualiturn Engineers astutely and redefining business and serving our customers worldwide. This factory was started by Late. Vasanttrao Keshavrao Honkalse in the year 1980.

Qualiturn Engineers (QE) has been manufacturing Valve Guide Air & Exhaust For 251 Plus Cylinder Head (ALCO), Guide (Valve Lever Yoke) (ALCO), Guide Valve Exhaust and Guide Valve Intake from last so many years. In the year 1980 we started our business journey with Kirloskar Oil Engines, Shivshahi, Solapur. At that time we were manufacturing Railway ALCO Valve Guide Air & Exhaust and Guide (Valve Lever Yoke) For 251 Plus Cylinder Head for Kirloskar Oil Engines. After that we went to Diesel Locomotive Works, Varanasi, Uttar Pradesh. We gave the sample of Valve Guide Air & Exhaust and Guide (Valve Lever Yoke) for the purpose of approval. In 2001 We got the approval for Valve Guide Air & Exhaust and Guide (Valve Lever Yoke).

- Today we are supplying these parts to Indian Railway, Cooper Corporation Pvt.Ltd, Mikura International, Craftsman Automation Pvt.Ltd, Brijlax Engineering Pvt.Ltd. Today we are working with these companies. We are having a team of young and energetic people. We are having advanced CNC technology and Special Purpose Machine. Within few years we are going to build up a new plant in Shirolī M.I.D.C. Kolhapur. We are exporting these parts out of india.

Quality Policy :

- We are committed to providing customers with the service of the highest possible level of quality.
- In order to achieve this, we are continually improving processes, products and service, meeting and exceeding customer satisfaction at all times.
- Increase client satisfaction.
- Continuous improvement in the work environment.
- Increase efficiency of development process.
- Achieving best in class technical solutions.

Health, Safety & Environment Policy :

- Developing a strong health and safety culture throughout the organization through committed leadership.
- Ensuring the health and safety of sub-contractors and other persons who may be affected by our activities.
- We select suppliers appropriately and carefully use material and resource, to eliminate or reduce waste and to prevent pollution.
- Ensuring that all employees are aware of their statutory duties and that they take reasonable care of themselves, other and the environment.
- Training and developing our people so that they are competent to deliver first class quality service to the customer.
- Ensuring confidentiality of information, including that provided by customers.

Our Vision :

- To manufacture products comparable to international standard, to be customer focused and globally competitive through better quality, latest technology and continuous innovation.

Our Mission :

- To manufacture world-class products of outstanding quality that give our customer a competitive advantage through superior products and value, so we can make every customer smile.
- To encourage people's ownership, empowerment and working under team structure.
- To attain highest level of efficiency, integrity and honesty.

Our Values :

- **Customer satisfaction and delight.**
- **Superior quality and performance.**
- **Concern for the environment and the community.**
- **Passionate about excellence.**
- **Fair to all.**
- **To provide a safe workplace and promote healthy work habits.**

Photos of Products : EMD Head Valve Guide



Valve Guide For 251 Plus Cylinder Head



Guide(Valve Lever Yoke)



Guide Valve Exhaust



Guide Valve Intake





Manufacturing Process :

- Qualiturn Engineers (QE) is having high class manufacturing process which is located in Kolhapur in which there is a production of different types of Valve guides. The manufacturing systems of Qualiturn Engineers (QE) are equal to the best and comprises state of the art facilities for machining of major diesel components. All equipments for casting, machining and quality control have been source from leading suppliers in India and overseas to ensure very high level of efficiency and reliability.

Machining Facilities :

- Jyoti DX100 CNC turning machine with good accuracy.
- Special Purpose Machine.
- Centerless and Cylindrical Grinding Machine.
- Surface Grinding Machine.
- Drilling and Reaming Machine.
- Milling and Centre Making Both Side Machine.
- Marking Machine.
- Tapping Machine.
- Air Compressor.
- TROB Machine.
- Lathe Machine.
- Bench Grinder.
- Rock Well Hardness Tester.
- BHN Tester.

Parts Quality Control :

- Establish a procedure for control of quality records to demonstrate the conformance to specified requirements and effective operation of quality systems.
- MR prepares the list of quality records to be maintained across the organization and issue the same to the concerned.
- All the inspection reports and production reports are filed after the completion of inspection & production by the person who is responsible for inspection and production.
- All the records are filed and stored properly.
- All the quality records are accessed by the department incharge, person responsible for the maintenance, internal auditors and external auditors.
- If asked by the customer the appropriate quality record are made available to the customer.

Measuring Equipments :

- **Micrometer**
- **Comparaters**
- **Height Gauge**
- **Out Side Gauge Micrometer.**
- **Air Gauge.**
- **Surface Plate.**
- **Dial Indicator.**
- **Digital Caliper.**

Product Range : Product Specification :

1.	EMD Head Guide Exhaust Valve	P.L.No : 16120140	Drg.No : 8310840
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Production Technology

Outer Diameter

10 to 100 mm

Inner Diameter

20 to 250 mm

Total Length

5 to 50 mm

Machining Technology : Centerless Grinder, SPM, CNC, Drilling and Reaming, Lathe Machine, Marking Machine, Air Compressor.

Heat Treatment Technology : Nitriding.

Product Specification :

2.	Valve Guide Air & Exhaust For 251 Plus Cylinder Head	P.L.No : 10124639	Drg.No : 23C71081- 1
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Production Technology

Outer Diameter 10 to 100 mm

Inner Diameter 20 to 250 mm

Total Length 5 to 50 mm

Machining Technology : Centerless Grinder, SPM, CNC, Drilling and Reaming, Lathe Machine, Marking Machine, Air Compressor.

Heat Treatment Technology : Hardining and Tempering, Blackining.

Product Specification :

3.	Guide(Valve Lever Yoke)	P.L.No : 10210714	Drg.No : 24C72064
Production Technology			
Outer Diameter		20 to 30 mm	
Inner Diameter		Taping and Threading	
Total Length		100 to 150 mm	
Machining Technology : Trob Machine, CNC, Taping Machine, Grinding Machine, Surface Grinding Machine.			
Heat Treatment Technology : Hardining and Tempering.			

Product Specification :

4.	Guide Valve Exhaust	Drg.No : 204109T
Production Technology		
Outer Diameter	10 to 100 mm	
Inner Diameter	20 to 250 mm	
Total Length	5 to 50 mm	
Machining Technology : Centerless Grinder, SPM, CNC, Drilling and Reaming, Lathe Machine, Marking Machine, Air Compressor.		

Product Specification :

4.	Guide Valve Intake	Drg.No : 204109N
Production Technology		
Outer Diameter	10 to 100 mm	
Inner Diameter	20 to 250 mm	
Total Length	5 to 50 mm	
Machining Technology : Centerless Grinder, SPM, CNC, Drilling and Reaming, Lathe Machine, Marking Machine, Air Compressor.		

Valve Guide :

- The valve guide enables valve movement and stroke as a consequence of acceleration by camshaft and keeps the valve in the center of the valve seat. Valve guides are used to shoulder the side forces operating on the valve stem. They conduct part of the combustion heat from the valve head to the cylinder head. These extreme loads define the correct choice of material with appropriate characteristics for the valve guide, which is of critical importance for product quality.
- The key characteristics of materials used for valve guides are low friction and high thermal conductivity. We are capable of manufacturing Engine Valve Guide , usually made from cast iron, aluminium bronze valve guide and Brassmaterial valve guide.

Major Customers :



Contact :

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