



STEAM TURBINE AND GAS TURBINE BLADES MANUFACTURING FACILITIES

Turbomachinery an **ISO 9001 – 2000** certified company, supported by know how in Engineering is the reliable source for Manufacturing of Steam Turbine Blades, Nozzles, Gas Turbine Compressor Blades by the latest Reverse Engineering Techniques using CMM, 3D- Modeling, CAD- CAM Process etc.,. Some of the facilities we can offer.....

We have 1000 cumulative Man years of experience in the field of Design and Engineering of Turbines, Compressors and Pumps.

Today Turbomachinery's Design engineering staff is dedicated for reliability and efficiency improvements for your Turbines. The technologies of 40 OEMs around the globe are Reverse Engineered.

More than 5,00,000 blades are manufactured at Turbomachinery by Reverse Engineering techniques for the past 20 years of different makes of Turbines around the globe.

Having worked virtually on every application and most of the OEM's equipment in the worldwide market, Turbomachinery brings unmatched expertise in manufacturing and supply of Steam Turbine Blades & Gas Turbine Compressor Blades

Turbomachinery is having engineering experts with decades of experience in Designs, Strength & Thermodynamic calculations of Turbomachines, using with latest Computer software facilities. They are also equipped with replica techniques & profile magnifications for accurate Reverse Engineering.

In Turbomachinery, we have latest High Speed Multi-axis CNC Vertical Maching Centre(VMC), EDM wire cut machines, Surface Grinding Machines, Polishing machines. With the state-of-the-art technology, we produce Blades & Nozzles as per OEM specifications.



Profile Magnification



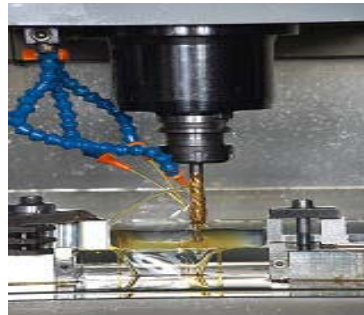
Co- ordinates measurement on CMM



Drawing generation



Reverse engineered Blades of different OEMs



Convex profile milling



Twisted blade profile milling



EDM wire cut machine



VMC for blade milling

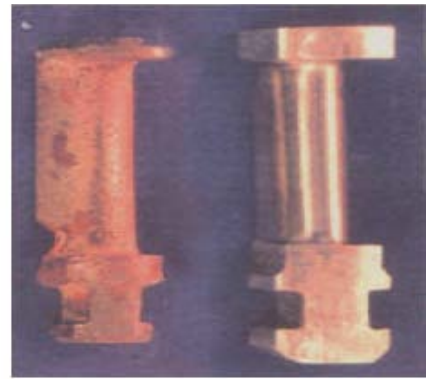
Steam Turbine Blades:



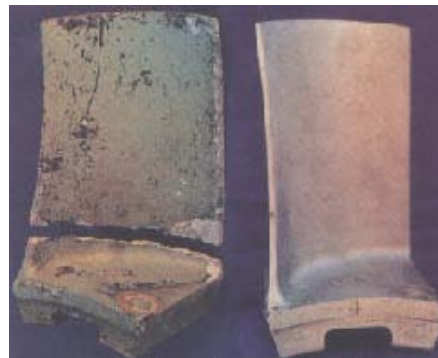
Steam Turbine Blades shop



Diff. Profiles of Blades at a Glance



Blades manufactured by Reverse Engineering



Generator Fan Blade Manufactured by Reverse Engineering



Blade Profile Checking