



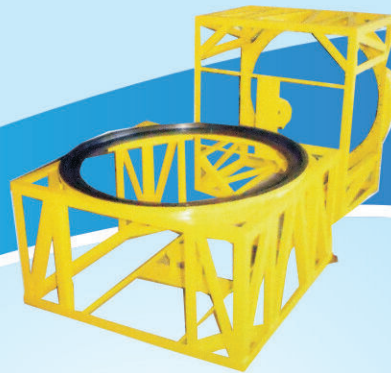
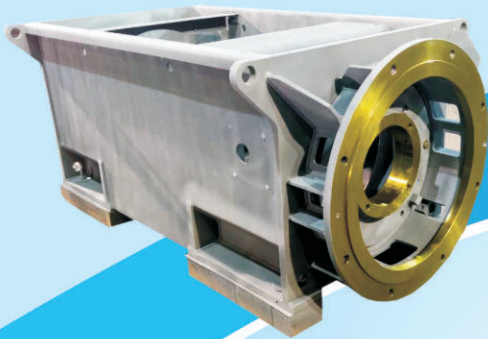
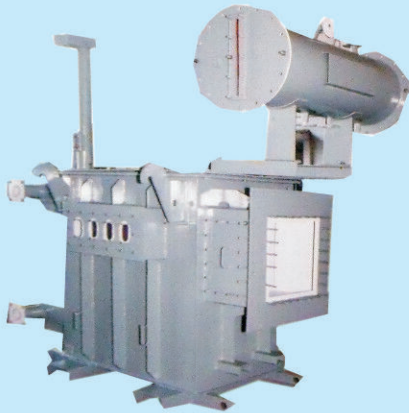
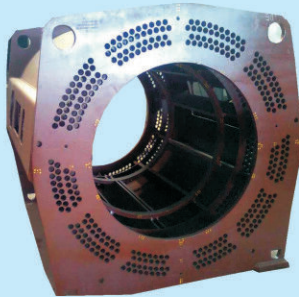
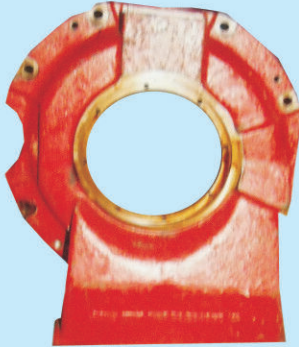
ALERT ENGINEERING ENTERPRISES[®]

An ISO 9001 : 2015 Certified Company

ENGINEERS

PRECISION MACHINING

HEAVY FABRICATION



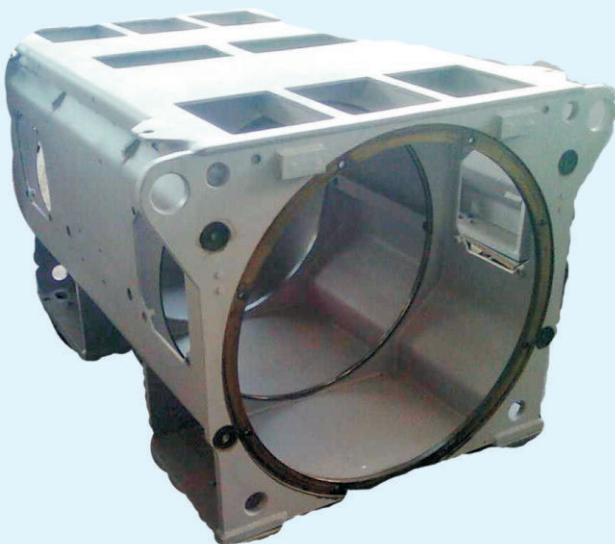
Committed For Excellence In Engineering.....



ABOUT US

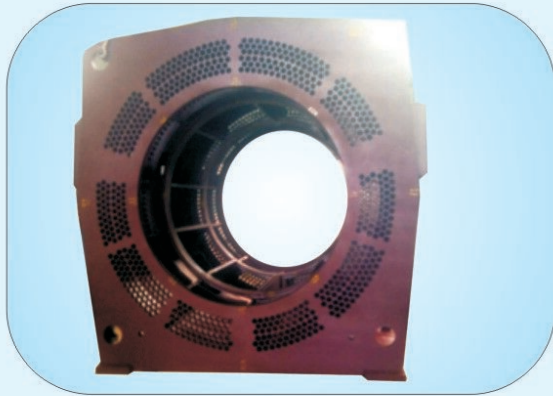
M/s Alert Engineering Enterprises was established in 1976. Initially it was a small enterprise manufacturing precision mechanical components for Electric Locomotive, Diesel Locomotive and Power Transformers. The Company is located in the central part of India Bhopal, Govindpura Industrial area, a well known engineering hub of Precision Machining & Heavy Fabrication in the Country, in State of Madhya Pradesh. We cater National Market apart from Indian Railways & BHEL. We supply components to Indian power sector also. Initially the factory was started by installing Center Lathes and Welding Sets doing small job works, having initial turnover of Rs. 70.00 Lacs which is growing by leaps and bounds. Gradually it grew and it's ceaseless constant efforts brought laurels to Alert Engineering Enterprises, that it won many prestigious Purchase Orders of BHEL-BHOPAL and BHEL-JHANSI, CG Power & Industrial Solutions Ltd. & ABB India Ltd. through tough competition. We also have been approved by Power Grid Corporation Ltd for ROLLER ASSEMBLY for Power Transformers and Reactors upto 400 KV class and for 765 KV Class, its under pipe line.

OUR PRODUCT RANGE



Having yearly contracts for the supply of a few exclusive items like Stator Frames, Magnet Frames 3101 M/165 T.M, Fabricated Assemblies, End shields DE/NDE, Gear Box, Inner Rotor, Rotor Disc, Bearing Covers, Roller Assemblies for Transformer Tanks and Inner & Outer Labyrinths DE/NDE, etc. Some of the above components are of export orientation, which are being exported by BHEL Bhopal, CG Power & Industrial Solutions Ltd. & ABB India Ltd. as component Assemblies. All our casting requirements is fulfilled by our sister concern Guru Sewak Castings, Bhopal.

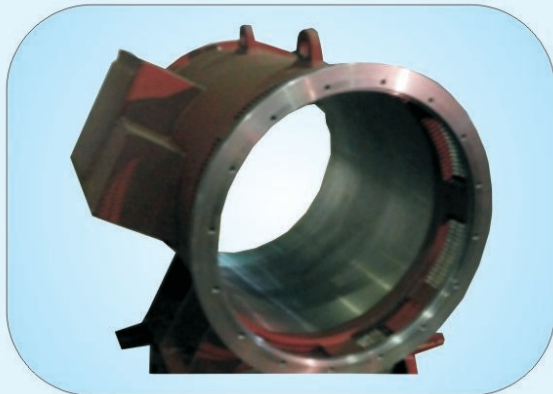
FABRICATED CUM MACHINED ITEMS



STATOR FRAME FAB.



DYNAMIC TEST STAND



TRACTION ALTERNATOR STATOR SHELL



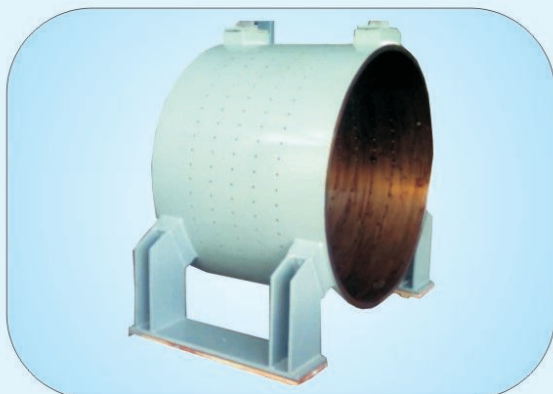
Roller Assembly



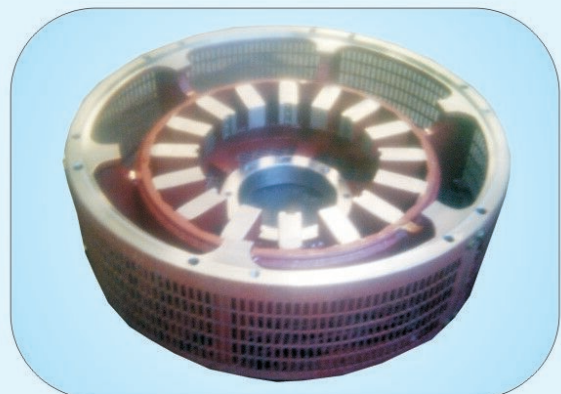
TRANSFORMER TANK (1 MVA)



PIPE JOINT ASSLY. FAB. & M/CD FOR STEAM TURBINE



STATOR FRAME FAB. & M/CD



ALTERNATOR END FRAME FAB. & M/CD

FABRICATION SHOP



MEASURING & TESTING FACILITIES

The manufacturing activity is carried out with the help of the gauges, fixtures, drill jigs, etc in addition to large range of precision calibrated measuring instruments. The Machine shop is equipped with 3 Dimensional CNC Co-ordinate measuring machine (CMM) for high precision components. Equipped also with Digital Ultrasonic Flaw Detector, Magnetic Cracks Detector and wide range of Vernier Calipers, Inside/Outside Micrometers Depth Gauges, Thread Ring/Plug Gauges, Digital Micrometers, Paint Coat thickness Testers, etc.



QUALITY ASSURANCE

For quality control, the stage inspection is in practice. All this is done by qualified engineers who are assisted by I.T.I trained supervisors. Further they are assisted by trained NDT Engineers duly qualified as per latest standards. In addition to experienced Machinists, Turners, Fitters and Welders who work under the supervision and guidance of qualified & experienced engineers having added qualification for quality check before every dispatch. We possess full range of Precision calibrated measuring instruments. Individual items are marked with unique ID for easy traceability.

Third Party Inspection is also carried out by various agencies such as DGS&D, RDSO, RITES, BHEL, SGS, IRS, TUV, etc.



MANUFACTURING FACILITIES AVAILABLE

The unit comprises of machine shop and fabrication shop erected in an area of 46 thousands sq. feet. The machine shop is equipped with CNC Horizontal, CNC Boring, CNC Vertical Machining Centres. & CNC Vertical Lathes in addition to Conventional Center Lathes, Universal Milling Machines, Vertical Milling Machines, Cylindrical Grinder, Surface Grinder, Slotters and Radial Drilling Machines with different specifications and capacities.

CNC SECTION

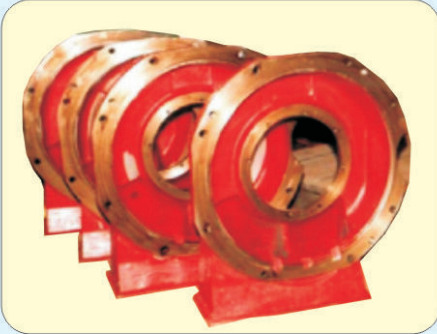


We possess facility of Vertical Boring Machining upto 2790 mm dia and 2000 mm Height. While fabrication shop is equipped with Welding Sets & Rectifiers, MIG Welding, Electro Baking Oven, Air Compressors, Bed Plates, Straight edges, Disc and Angle Grinders, Pre-heating arrangement for jobs & Heat Treatment Facilities. Material lifting facility, we are equipped with 5 M.T & 20 MT Over-head cranes and Jib cranes.

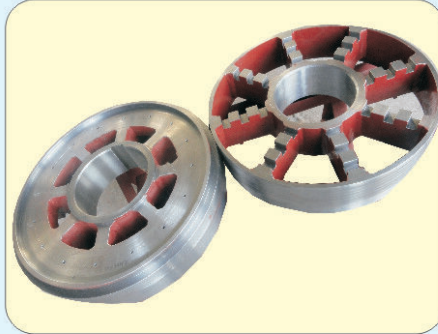
HEAVY MACHINE SHOP



MACHINED ITEMS



END SHIELD (NDE) FOR SIEMENS T.M.



PRESSURE RING CE/NCE SETS FOR DC MOTORS



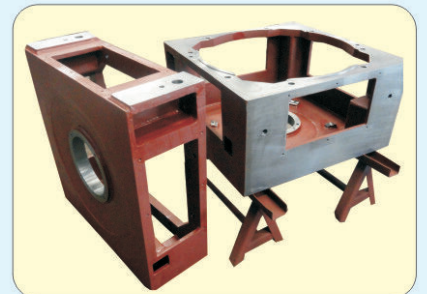
BEARING BRACKET (CE) FOR HS T.M.



END SHIELD PE FOR 7362A T.M.



BEARING COVERS



END SHIELD CE/NCE SETS FOR DC MOTORS



END FRAME ASSEMBLY FOR ALTERNATOR



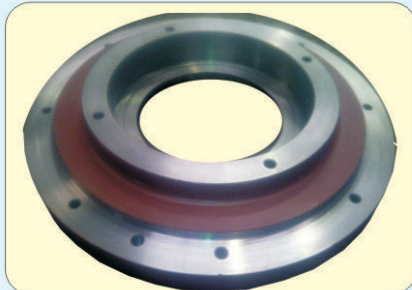
END FRAME NDE FOR 6FRA T.M.



END SHIELD CE FOR 7362A T.M.



COMMUTATOR STEEL PARTS FOR COMMUTATOR ASSLY. (H.S. T.M.)



BEARING CARTRIDGE FOR DC MOTORS



BEARING BRACKET (PE) FOR HS TRACTION MOTORS



DEFLECTORS FOR TRACTION MOTOR



SUSPENSION BEARING COMPONENTS

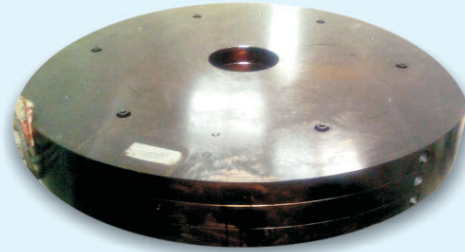


AIR BOX ASSEMBLY FOR ALTERNATOR

MACHINED ITEMS



COMMUTATOR HUB FOR DC MOTORS



FLY WHEEL ASSLY. FOR HYDRO GENERATORS



BRUSH ROCKERS FOR DC MOTORS

CERTIFICATIONS

It is an ISO 9001:2015 Certified Company. Our Unit was selected by National Productivity Council for study in its endeavors for the Modernisation Upgradation of technology in the machining and fabrication cluster developed in Bhopal. Awarded the "Manufacturing Excellence Award" for the year 2012 by Asian Manufacturing Excellence Award at Dubai, Outstanding Achievement Award in category "Industrial Health & Safety" for the year 2014 by the MP Federation of Commerce & Chamber of Industries, "National Industrial Excellence Award" for the year 2014 by National Education & Human Resource Development Organisation, Mumbai and many more.....



OUR ESTEEMED CLIENTS



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MADHYA PRADESH, INDIA.

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