Repair, Manufacturing and Fitment of:

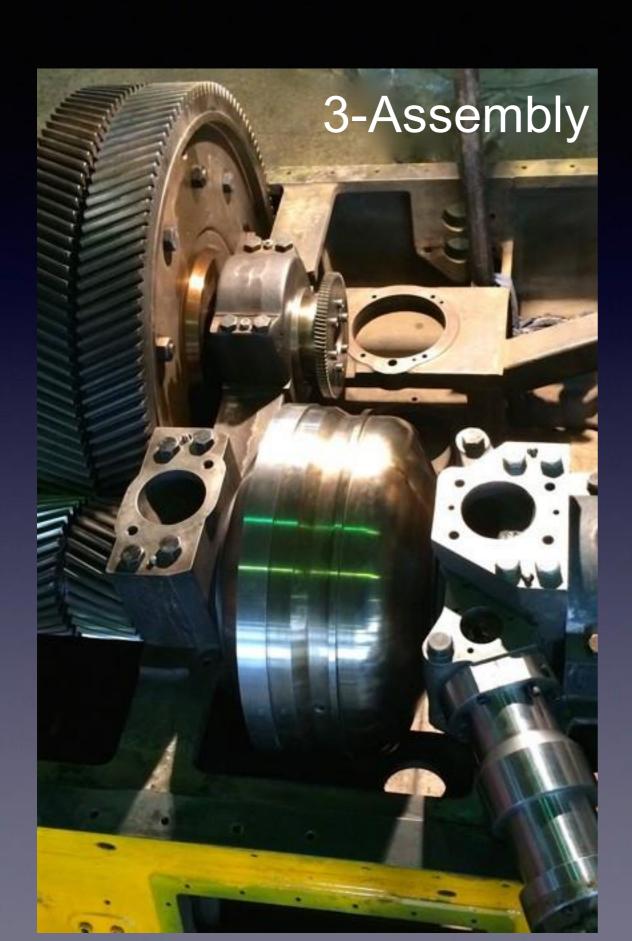
VOITH VARIABLE-SPEED COUPLING For 565 Tons / Hr BOILER FEED PUMP

A project by: Shahsons Pakistan (Pvt.) Ltd. FOR: Northern Power Generation Company Ltd. (NPGCL)

Core Components of the Job

- Repair
- Manufacturing
- Assembly

Core Components of the job



Repair of Cast Iron Components

Our specifically developed procedures have revolutionised the repair of cracked, broken and eroded Cast Iron Components - Cylinder Heads, Turbo Casings, Engine Blocks, Exhaust Manifolds to name a few - serving the Marine, power, sugar and Automotive Sectors. Our procedure is applied to a wide variety of broken and cracked Industrial Parts and Machinery, and Engine Castings.



Hydraulic Coupling for Boiler Feed Pump Northern Power Generation Company Limited





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Hydraulic Coupling for Boiler Feed Pump Northern Power Generation Company Limited



Hydraulic Coupling

Damaged Lower Casing



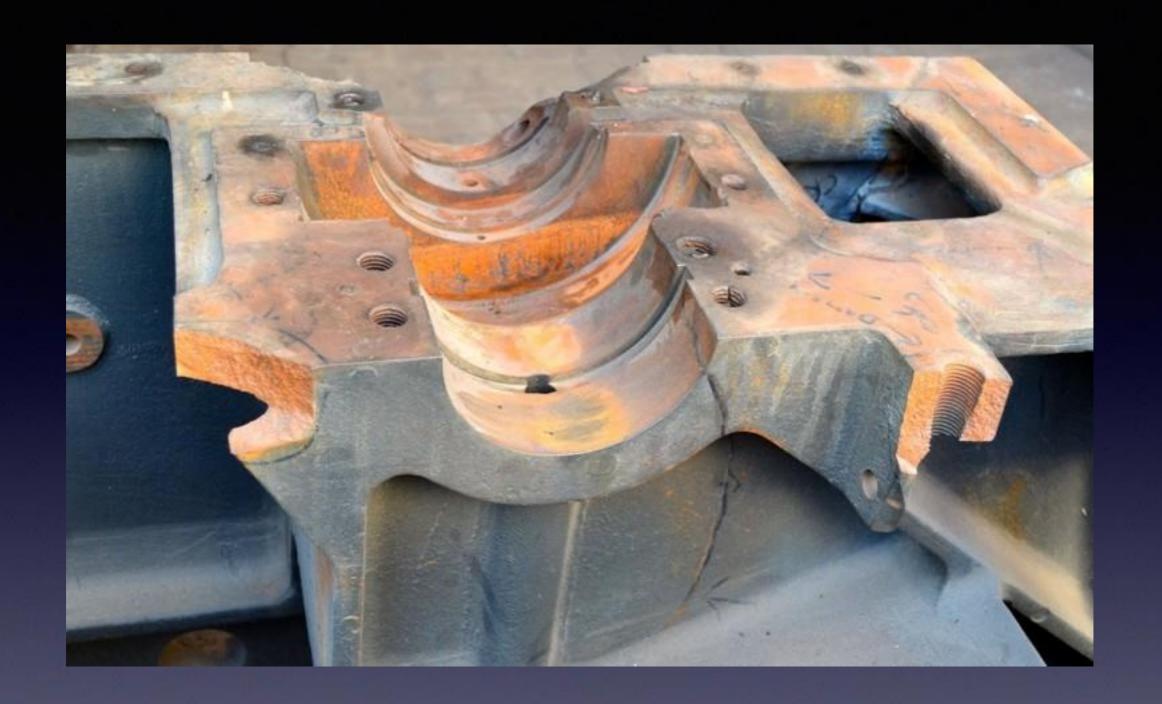
Damaged Lower Casing

Bearing Housing Damaged



Damaged Lower Casing

Crack in the Block



Damaged Lower Casing

Broken and Cracked

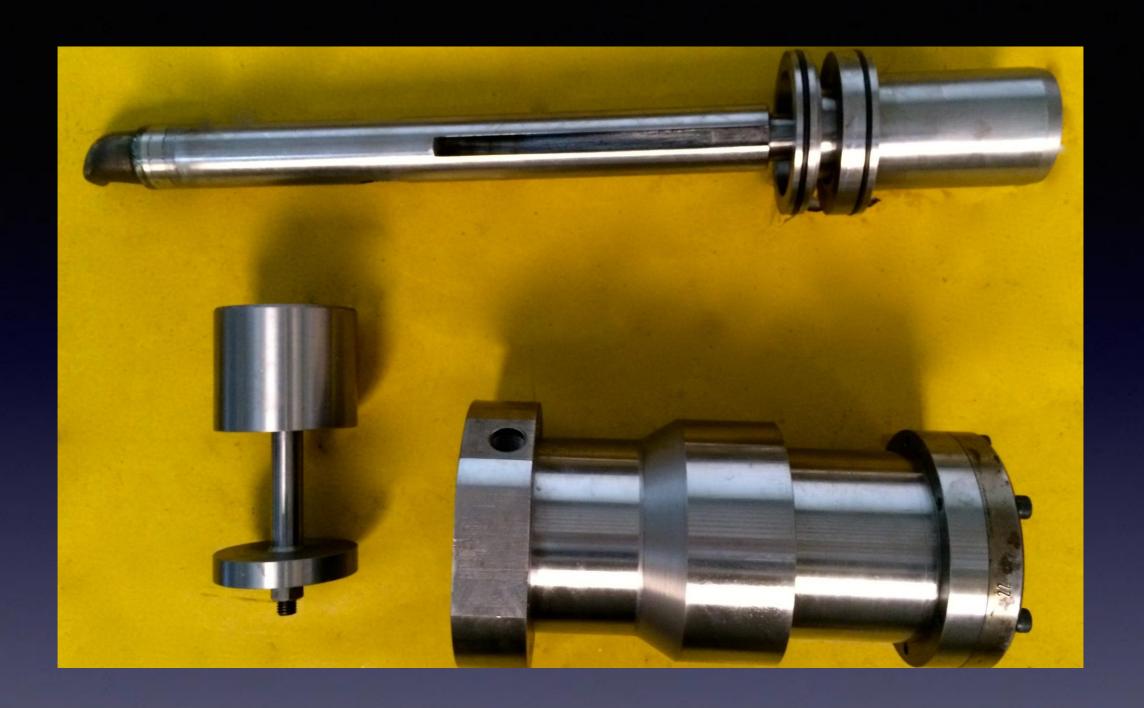


Lower Casing Repaired



White Metal Bearings

Centrifugally Cast using HOYT R11Material Directly Imported from ECKA Granules of Germany



Scoop Tube Parts

Manufactured From Alloy Steel

Scoop Tube Nozzle & Sleeve

Repair

Spindle Control Valve Assembly







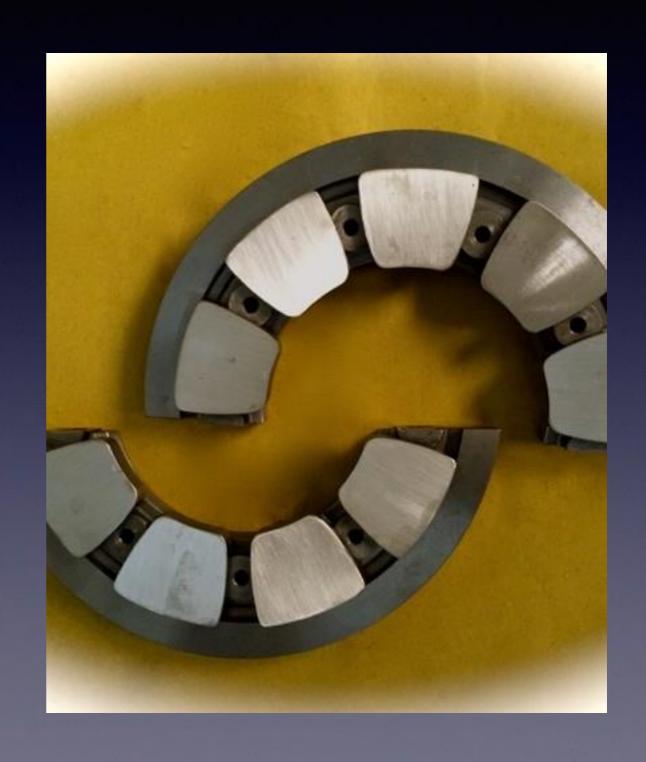
Bearing Cap

Alloyed Cast Iron Casting & Precision Machining

Thrust Pads

SHAH SONS is capable of manufacturing or repairing all BABBITTED tilt pad thrust assemblies.

This capability has enabled us to make this impossible task a possibility.





High Speed Gears

Manufactured using High Tensile Gear Steel (Moly, Chrome, Manganese Alloy)





Final Assembly

Saved NPGCL Millions of Rupees