



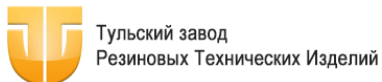
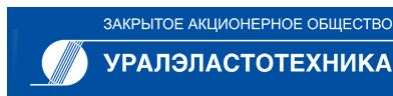
Reclamation and wear resistance increase of items and equipment units maintained in heavy conditions and corrosion environment

For companies of petrochemical specific



OUR CUSTOMERS

Petrochemical enterprises and factories
(Russia) of rubber products manufacture



OUR BENEFITS

Out-of-service time decrease

Import substitution

Unserviceable items revival

Modernization and overhaul
maintenance



OUR COMPANY

The company is founded in 1989 on the base of “NizhnekamskGESstroy” department.

The main Customers are large manufacturing enterprises of Russia

Our specialists are trained in the Research and Development Center of OJSC “KamAZ”

Partnership with the leaders in welding and surface building-up works: Hoganas, ESAB, Zellen, “TM Veltek”, Institute of Electric Welding named of E.O. Paton, OJSC “Polema” plant, State Institute NITI

ISO Certification 9001

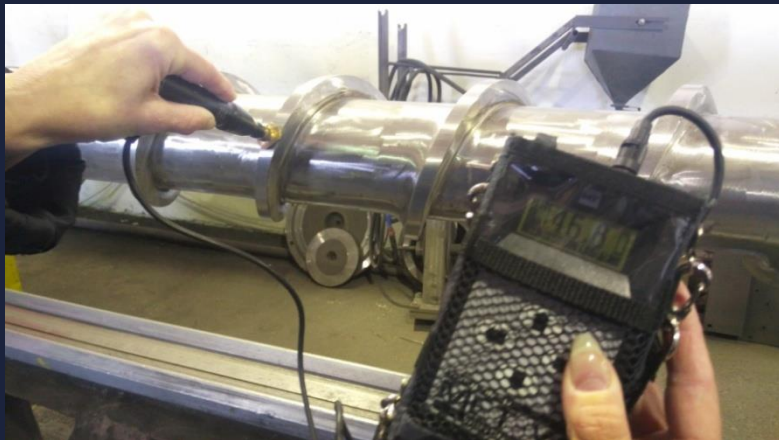


REPAIR AND FABRICATION OF ITEMS AS PER DESIGN

piston rods with chromium carbide coating



screw weld seams



remanufactured screw for synthetic rubber



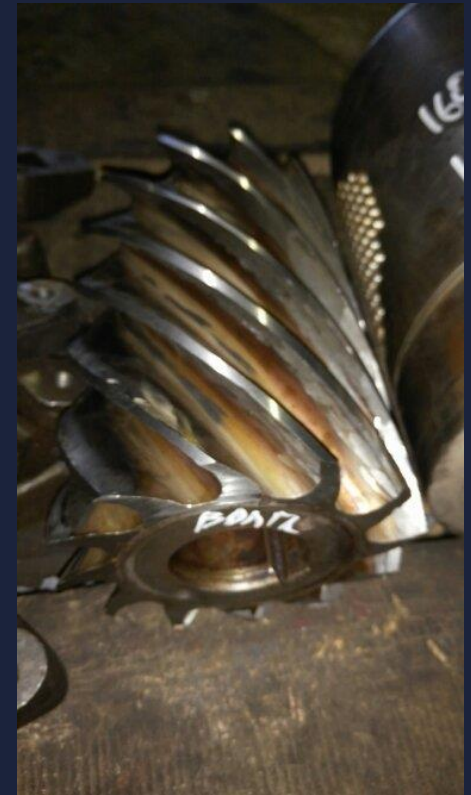
reconstructed inside surface

REPAIR AND FABRICATION OF ITEMS AS PER DESIGN

Weld seam of centering plug
of cast iron items – rear
cylinder 2130

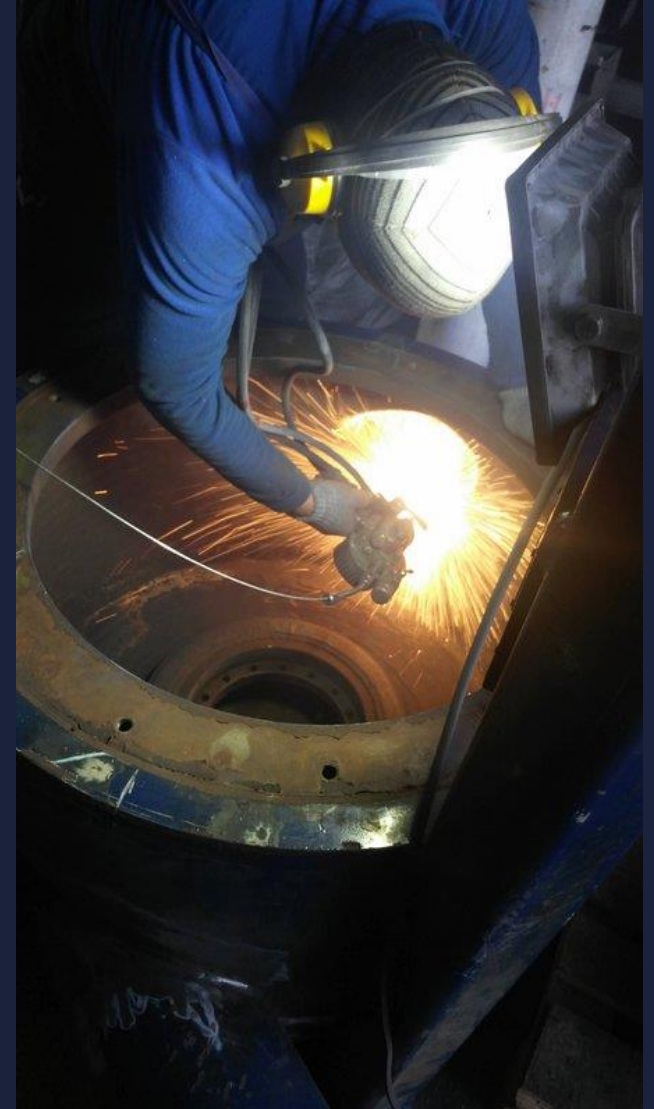


Prefabricated miller HRC 55

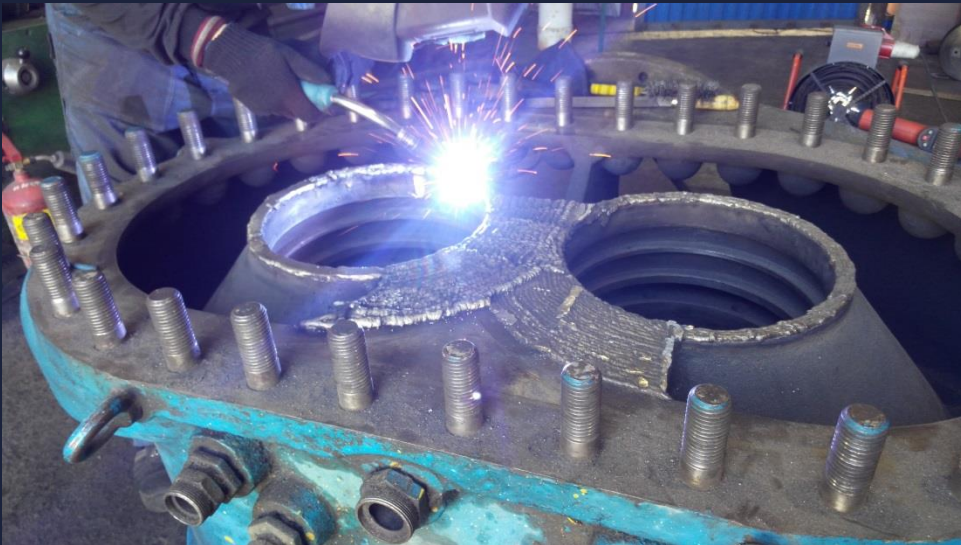


Cylinder with seamless shell of stainless steel

REPAIR OF HIGH PRESSURE PUMPS OPERATING IN CORROSION ENVIRONMENT

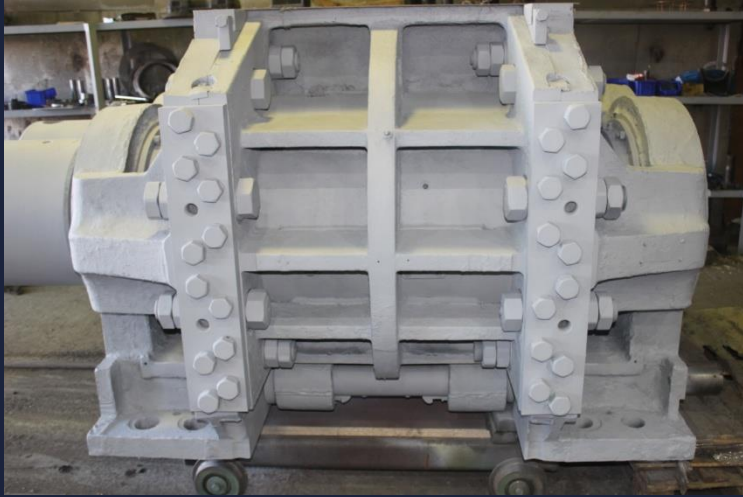


REPAIR OF HIGH PRESSURE PUMPS OPERATING IN CORROSION ENVIRONMENT



PATTERNS

Rubber mixing Chamber after overhaul repair services



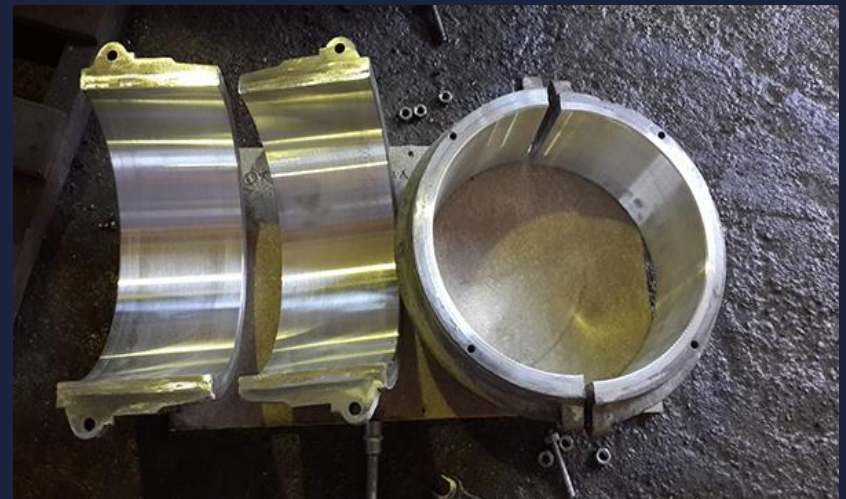
Shaft during renovation procedure



Building-up welding of semi-channel inner surface




Renovated bearings with babbitt coating



Center of competence “INSTROMET”




Head research technologies in the fields of building-up welding, welding and coating



Automatic performance of building-up welding procedures, “human mistake” decrease



Operating machine tool holding provides required types of metal treatment



Overall solution for repair and fabrication of items and units of Russian and import production

THE TECHNOLOGIES

Plasma powder automatic building-up welding

Semi-automatic building-up welding under fluxing material layer

Electro-spark machining

Gas-flame and high-speed sputtering

Relocatable maintenance units





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