



VALVE MODIFICATION AND PARTS MANUFACTURING

Universe Machine does a wide variety of custom machining & valve modifications for the Oilfield, Petro Chemical, Forestry and related industries, some of which are as follows:

VALVE TRIM CHANGES

- Stellite
- Monel
- Stainless Steel, etc.
- Nace certification

VALVE CLEANING & TESTING

- Oxygen service
- Hydrogen Peroxide

VALVE END CONNECTION

- Flanged to Buttweld
- Buttweld Schedule Changes
- Buttweld & SW to buttweld to flanged (*Covered by Universe Machine CRN*)
- NPT or SW to Buttweld

FLANGE MACHINING

- Finish Machine from Semi-Finished
- Thread NPT into Blind Flanges
- Conversion to Orifice
- Conversion from RF to RTJ
- Conversion from RTJ to RF
- Conversion from RF to FF (flat face)

VALVE EXTENSIONS

- Simple Insulation Stem Ext.
- Inner & Outer Ext. for Gear Operators
- Cryogenic Ext. for Low Temperature Service, etc.

MISC. VALVE MODIFICATIONS

- Bypass, equalizer, auxiliary piping (*Covered by Universe Machine CRN*)
- Modify valves from bolted to welded bonnet
- Mounting Gear Operators
- Hydrotesting, etc.

All of our weld procedures are approved by the Alberta Boilers Branch and we are certified to construct, repair & alter valves & fittings. The above are just some samples of the services we can provide. Please check our web site at www.umcorp.com to see all of our products and services.