



Standard Alloys

Your Pump Parts Specialists since 1926.

Standard Alloys Newsletter–April

Can we save this **VERY** expensive impeller with significant cavitation damage?

April 1, 2004

“YES WE CAN”!

Newsletter Spotlight



For a fraction of the cost of a new impeller, we can return this impeller back to the “like new” specification.

**ISO 9001:2000
FOUNDRY &
MACHINE SHOP**

For a fraction of the cost of a new impeller, we can return this impeller back to the “like new” specification—

Here’s how:

1. Thoroughly reverse engineer the impeller.
2. Run a heat treat cycle to remove impurities and to prepare the impeller for welding.
3. Remove damaged portions of vanes.
4. Make drawing, make pattern and cast the replacement vanes.
5. Fabricate replacement vanes in impeller.
6. Grind vane weld areas to remove excess material and to restore hydraulic balance.
7. Weld (where necessary) and re-machine critical fit areas.
8. Balance to 4 W/N specification.
9. Ship to customer.

**LET US PUT
OUR
RESOURCES
TO WORK
FOR YOU!**



SEND US YOUR TOUGH JOBS!

Thanks,

Jeff Smith, President • Standard Alloys
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