



ITT Industries

*Goulds Pumps*

500 E. Centre St  
Ahsland PA, 17921  
tel 570 875 6132  
fax 570 875 6193  
rnariman @fluids.ittind.com



November 2, 2001

Mr. Bill Gudgeon  
Godgeon Brothers  
London. ONT

Dear Bill,

The 1.5 T/Hr Thermfire has been in operation for almost three years and, without a doubt, it has been a major success.

We have certainly achieved our projected savings of \$63.00/ton on purchased sand and disposal costs, VS around \$10.00/ton in operating costs, however we have also realized the following more important advantages:

Reduction in molding sand LOI by blending thermal and mechanical reclaim sands.

Far-improved facing sand properties and performance on wet faces of corrosion resistant castings as compared with new purchased sand used previously. This has resulted in major improvements in quality and reduction of cleaning costs. Of course mechanically reclaim sand cannot be used on wet faces due to surface carburization.

Reduction of variation. Improved process control.

As far as maintenance and downtime is significantly less that with our mechanical system, but as you know we do not use the Thermfire to full capacity.

Best regards,

Rafael Nariman

Value Based Six Sigma Blackbelt  
(Former Foundry Technical Director)