

**Cost-effective
Pump Repairs,
with Innovative
Solutions!**

Case Study Centrifugal Compressor



Duty & Medium
Air Atomiser
Air

OEM & Designation
Piller TSC Blowers
A-164

Materials
Cast Iron Casing, 15-
5PH Impeller

Challenge

Centrifugal Compressor declared BER due to damage to shaft and impeller plus corrosion damage to compressor housing and shroud.



Solution

Pinnacle Re-Tec reverse engineered and manufactured in-house the required replacement Impeller, Inlet Shroud, Casing and shaft, utilising the latest CNC Technology. New impeller and shroud were machined in-house from solid material on one of our latest 5 axis CNC machines.



Benefit

By Reverse Engineering & Manufacturing in-house the required replacement components, Pinnacle Re-Tec were able to offer these components quicker and cheaper than OEM replacement parts with the same guarantee on Quality.

Result

Pinnacle Re-Tec were able to provide the customer with a repair option for returning this AA Compressor back to service, when the OEM had deemed compressor as BER. The oil & gas client was able to return unit to service in reduced lead time and at significantly less cost than buying new replacement compressor.



To see how Pinnacle Re-Tec can help you with cost effective pump repairs and innovative solutions to increase MTBF please call us on 01207 588 731 or email info@pinnacle-re-tec.co.uk