

Withdrawal of Cerrobend Metallic Fillers.

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For the attention of the Managing Director

Dear Sir or Madam,

Scope:

- Suppliers who manufacture and / or process Rigid Pipe components (inc. assemblies).
- This NTS is not applicable to the encapsulation of Turbine Blades - where the use of Cerrobend type materials is permitted.

Background:

- Processing of Non-Corrugated Rigid Pipes requires (i.e. RPS 197 refers) that such pipes shall be supplied free from contamination.
- During recent testing of a Pegasus engine, the Magnetic Chip Detector (MCD) housing failed to seal and cast debris was found around the MCD housing. Subsequent Laboratory investigation confirmed this debris as being Cerrobend, the origin of which was traced to the manufacture of a Rigid Oil Pipe assembly.
- The above issue resulted in a Major Quality Investigation being undertaken - at a high financial charge to Rolls-Royce.

Action Required:

- It is not permitted to use metallic fillers such as Cerrobend (low melting point alloys) during the processing and / or manufacturing of rigid pipe assemblies - refer to RPS 197 for additional details.
- Please cascade the content of this notification to all relevant personnel within your company - as / where necessary.

Yours faithfully,
For Rolls-Royce plc.



Sharon Bull.
Supplier Development Leader
Approve & Maintain

Authorised by:



Lawrence Jenkins.
Global Supplier Development
& Quality Operations Director.