

# SYSTEMS CASE HISTORY

**Provided By:** AESSEAL France

**Industry:** Petrochemical

## Background

- The reactor previously used packing that needed replaced every 3 months. It has been converted to a mechanical seal and ATEX PUMPPAC utilising an air blast cooler to guarantee that the barrier fluid is cooled to an extent to enable efficient heat removal from the seal

## Application Details

- **Reactor:** Missenard Quint
- **Shaft size:** 125mm
- **Shaft RPM:** 60 rpm
- **Seal type / size:** Mixmaster VI  
125mm drawing number:7110203
- **Faces:** C/SIC/SIC/C
- **Metalurgy** Hastelloy C276
- **Elastomer:** K 6375
- **Product:** MPOL
- **Temp:** 210° C



# Systems Solution

- **System type** – PUMPPAC ATEX + Air blast cooler
- **Installed** – September 2008
- **Performance** – The System has been running without any problems. The customer is very happy with the performance and has asked AESSEAL France to quote more of the same type of PUMPPAC for further applications.

