



### Summary

<b>Industry:</b>	Petrochemical
<b>Application:</b>	Specialised Test Rig and Training
<b>Actual Saving:</b>	£100,000 approx
<b>Payback Period:</b>	1 month



## Bespoke Electronics Solution Increases Productivity

### ISSUE

The customer was experiencing maintenance issues with their BRM servo systems, they had no diagnostic capabilities on-site and a limited knowledge of the system.

Repairs were being sent to France on long lead times with high cost repairs being reported as 'no fault found' resulting in high downtime costs and intensive maintenance efforts.

### SOLUTION

ERIKS Electronics division were contacted and following a site visit they analysed the current plant issues involved and offered a complete turnkey solution comprising a bespoke test facility, instrumentation and on-site training.

The on-site training involved taking a small group of engineers across multiple shift patterns, giving them specific BRM servo amplifier and motor knowledge using the test facility.

The set up and calibration of the servo system was not well understood and ERIKS provided the necessary test equipment to set the amplifiers up on the machine. The test facility and training were delivered, installed, commissioned and training was completed with in the same week.

### OTHER BENEFITS

- Increased uptime and productivity
- Reduced waste
- Reduced costs
- Reduced plant risk on a problematic asset

### FURTHER COMMENTS...

The Test Rig and training supplied by ERIKS was a complete success. The rig itself is of high quality, giving us the opportunity to do offline diagnosis, a luxury we haven't had before. We now have the equipment, knowledge and confidence to change our approach to these previously problematic drives.

### MORE INFORMATION

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