



Summary

Industry:	Paper & Board
Application:	Motor Health Check
Actual Saving:	£19,000
Payback Period:	n/a



Impartial Solutions Increase Plant Productivity

Impartial advice on motor failures, solutions and best practice

ISSUE

Severe dust ingress was causing premature failure on motors drawn from stock, resulting in lost production at one British Gypsum site. Non-conformance reports were on increase.

SOLUTION

ERIKS technical know-how in the supply, repair and overhaul of industrial electric motors ensured British Gypsum received impartial advice on motor failure modes, solutions and best practice. The local ERIKS electro-mechanical workshop reviewed the situation with the customer and agreed a motor health check policy was the best solution. To aid the process British Gypsum also allocated an area adjacent to the ERIKS engineering stores and installed three bays of high rise racking, to stock the product in a central managed and clean environment.

The existing motor inventory has been batched into groups of 20 and sent to the local workshop for a health check. Each motor was cleaned, the size & specification logged, undergone a light run test, inspected electronically and mechanically, painted, shaft rotation discs fitted, shrink wrapped and an indelible label attached. A comprehensive report was submitted for each of the failed motors. Motors were returned to site and located in bespoke Motor Stores section allocated by British Gypsum. In all, 382 motors went through the process, with a cost saving of £19k to the customer.

As part of the Spare Parts Management initiative a display board has been placed on the Motor Stores Racks indicating the shaft rotation process and training given so this situation should not occur again.

OTHER BENEFITS

FURTHER COMMENTS...

382 motors were checked and not only did this result in a saving of £19,000 but there were also a number of other improvements including a controlled and clean stores, the introduction of a shaft rotation policy and motor health checks to highlight potential problems

MORE INFORMATION

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know-how makes the difference

