



Summary

Industry:	Metals
Application:	Provision of Crucial onsite Maintenance Engineers
Actual Saving:	£n/a
Payback Period:	n/a



Hot Mill Maintenance

Steel producer uses ERIKS for regular Maintenance days

ISSUE

A large Steel producing customer had a maintenance 'down day' which took place every five to six weeks at their Newport site. This down day was to allow maintenance, predominately in the hot mill, hot mill motor room and basement to take place. On average, the customer required 25 skilled engineers from ERIKS to complete the maintenance in either 8 hours or 7 hours. The maintenance day also varied, although usually on a Wednesday or Thursday, and would be confirmed approximately 5 working days prior to the scheduled day. A report sheet had to be completed for most machines and this would include details of IR readings, number of brushes changed and the general condition of the machines, which has to be submitted to the lead engineer at the end of the maintenance day.

SOLUTION

The work scope completed by ERIKS includes;

D.C maintenance of large drive machines and small to medium machines, including removing the covers, a visual inspection of the machine, a brush check, isolating the armature from the brush gear, an IR reading, cleaning any contamination, refitting the covers and completing a report sheet. A.C maintenance including removing the covers, a visual inspection, an IR reading, refitting the covers and completing a report sheet.

Frequency convertor maintenance including removing the covers, a visual inspection, a brush check on both the slip ring and the commutator, an IR reading, cleaning any contamination, refitting the covers and completing a report sheet.

Coupling and mounting feet maintenance including removing the covers, a visual inspection, checking all fastening bolts are secure and refitting the covers. White Metal Bearing Maintenance including removing the covers, outer bearing cap, bearing top half, taking lead readings, refitting the top half of the bearing and cap and cover. This was done at less frequent intervals.

Clutch Maintenance including removing the covers, checking that the air gap between the clutch plates is within tolerance and adjusting if necessary and refitting the covers. Filter maintenance to change the filters on various equipment throughout the mill when necessary.

OTHER BENEFITS

- Excellent maintenance service from professionals
- Fast and flexible responses
- High level of maintenance resulted in a reduction of downtime

FURTHER COMMENTS...

The customer received an excellent maintenance service from an industry leader, ensuring that their maintenance was already carried out to the highest standards, resulting in time savings and downtime savings.

MORE INFORMATION

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