

# **Inspection and Analysis of an Electrical Heating Element Production Facility and Validation of a Proposed Strategy to Reduce Rejection**

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## **Abstract**

This study explores the reasons behind the persistent rejections in production line of Electric Heating Element (EE) of a leading Pakistani Production company with international repute and clientele. Inspection of the line was carried out for a period of 3 months through participant observation and data was collected from the Line. Identification of the root cause of rejections was done after thorough analysis of the data. An improvement in the process is recommended and then practically implemented in the line in order to validate fitness of the recommendation. Furthermore, conclusions are drawn and recommendations are made for future work.

## **Keywords**

Engineering Management, Operations Management, Production Management.