

## Report

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## LST fan convector development tests

Report 19313/1  
June 2005

Carried out for: **Biddle Air Systems Limited**

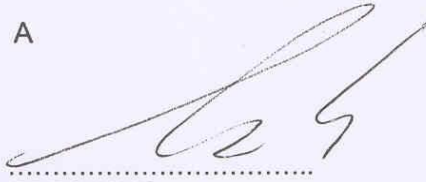
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Appendix: A

Quality Approved:

  
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*LST fan convectors from Biddle Air Ltd were submitted for testing against the requirements of a development programme to assess surface temperatures when run with an 80°C inlet water temperature.*

*Tests were carried out over a range of sizes and airflow rates.*

*When tested the LST types could maintain an 'air off' temperature of 43°C at an inlet water condition of 80°C when adjusted to suit the environmental conditions. The valve set point required was not necessarily 45° and varied slightly with the size of the fan convector tested.*