



Conestoga-Rovers & Associates Project Summary

KEY PROJECT ELEMENTS

- **Air Emissions Assessment**
- **Permitting**
- **Identification of Operations Improvements**
- **Greenhouse Gas Emission Reductions**

HEAT RECOVERY AND COMBUSTION EFFICIENCY ASSESSMENTS

UNITED KINGDOM

CRA supported a major plasterboard manufacturer in the delivery of two energy and emission related Improvement Conditions set out in the Pollution Prevention and Control (PPC) permit for one of its sites. CRA performed an assessment of the combustion plant against BAT (Best Available Techniques) standards for both heat recovery and combustion efficiency in the PPC combustion sector. Working closely with the client's engineering team, CRA identified and prioritized opportunities for improving heat recovery and facilitating improved monitoring of combustion efficiency.

The Environment Agency has approved the proposed improvement plans for the site. Adoption of the proposed improvements will reduce site CO₂ emissions per unit production and assist the site in benchmarking and monitoring individual plant energy efficiencies as required under the site's Climate Change Agreement (CCA). The CCA is an agreement with the UK government, under which the site reports monthly energy usage as Specific Energy Consumption against benchmarked values for the sector; the site also reviews progress against associated sector targets for improvement.

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