

## Supply, design and installation of Boiler and CHP flue systems at Great Ormond Street Hospital



### AT A GLANCE

**Company:** Skanska Construction UK Ltd

**Industry Sector:** NHS Foundation Trust

**Solutions and Services:**

- Design, manufacture and installation of new Boiler and CHP flue systems
- Pressure testing

**The Benefits:**

- A flue system which meets legislative requirements
- More efficient flue systems and plant layout.

“ Our early involvement, attention to detail and implementation of guidelines and regulations has resulted in a more efficient system and plant layout.

Roxy Hackett, Midtherm

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## CASE STUDY

Construction of the Zayed Centre for Research into Rare Disease in Children began in 2015. The purpose of the centre is to focus on better understanding rare diseases and using these findings to produce better, kinder treatments for patients.

The new centre will be the world's first purpose built centre dedicated to research into rare diseases, and once completed, will incorporate laboratories, manufacturing facilities, research write-up areas, meeting rooms and will also provide outpatient clinical space.

Adam Slipanczewski, Estimating Manager and Roxy Hackett, Estimator of Midtherm Engineering attended a pre contract meeting at Skanska's office in central London, following submission of a detailed and competitive tender for the CHP and condensing boiler flue works.

During the pre contract meeting it was decided that the initial flue route inclusive of 20m + of horizontal flue would pose problems with the ceiling heights, and the boilers and CHP unit would need to be re positioned closer to the flue riser, with the flue systems rising beneath the stairs.

### View of boiler and CHP flue systems under stairwell



### View of boiler and CHP flue systems under stairwell

Midtherm Engineering Ltd were appointed by Skanska in October 2017 to carry out the design, manufacture and installation of the two new flue systems required to provide heating for the Zayed Centre for Research Centre in London.

Our early involvement, attention to detail and implementation of guidelines and regulations has resulted in a more efficient system and plant layout, ensuring the client benefited from reduced costs, preferable flue system performance and a fully compliant solution.

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**This is an extraordinary building and we are overwhelmed that we were able to be part of such an important project.**

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John Walsh, Managing Director  
Midtherm

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# CONTACT

## Midtherm Engineering Ltd

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### ADDRESS

Midtherm Engineering Ltd  
28 New Rd  
Dudley  
DY2 8TA

### TELEPHONE NUMBER

01384 455811

### EMAIL ADDRESS

[sales@mideng.net](mailto:sales@mideng.net)

### WEBSITE

<https://www.mideng.net/>

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