

VOID:PROJECTS

COMMERCIAL WORKS

VOID has been substantially responsible for the design strategy of Lakeland Limited for many years, working with Hanson Marston Mellor in Kendal. This relationship has seen us make extensive use of 3D computer modeling, allowing us to produce the substantial projects (up to £12m) generally associated with much larger practices, whilst still retaining a direct and personal service.

In 2009 we won the contract to design a new Test facility for Spirax Sarco, another high profile project. This was awarded on the basis of our Lakeland experience, and also helped by being very local to the site which has allowed us to be remarkable responsive to developments in the design and on site.

Spirax Sarco are world renowned for their steam systems, and based in Cheltenham. As part of their reorganisation of their manufacturing across the town, we were asked to look at their R&D needs. This is a one-off building within their works, acting as their international centre for R&D and testing, and acts as the main visitor entry to the whole plant.

Converted from an old 1960s engineering works, we have created a suite of offices, staff welfare facilities, training rooms and a state of the art test facility. The building aspires to the highest standards of environmental performance:

- high levels of insulation
- natural ventilation
- 'air conditioning' using phase change materials (the first UK installation of Monodraught's Coolphase units)
- Sunpipes for natural daylighting
- Motion sensors on all lighting
- rainwater harvesting
- local suppliers to minimize transportation
- all water heating provided by waste heat from the test shop, using Spirax' own heat exchanger technology.
- Lightwells bring light into the middle of the building on both floors, and also open to provide additional ventilation.

This was a very rapidly designed and complex project, built by Barnwood Construction under a D&B contract; Void carried the design through to completion in early 2011, working closely with the client, contractors team and sub-contractors.

In addition, we have been involved with several other industrial units and reorganization projects for local companies and developers.



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[0 1 2 4 2 2 3 4 4 8 3](tel:01242234483)
[0 7 9 1 0 4 8 1 6 4 7](tel:07910481647)
p.ireland@voidprojects.co.uk

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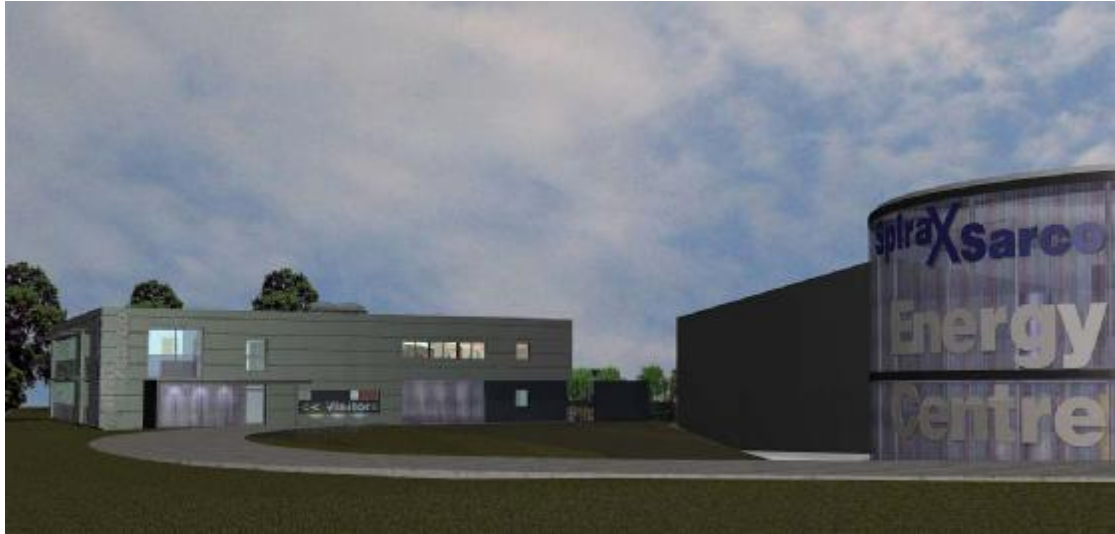


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Spirax Sarco (Cheltenham 2011)
Before and after views of the offices facing West

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– inside the main open plan office area, showing the lightwells and the 'fin' dividers.

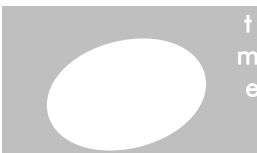


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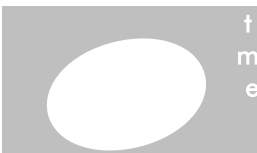


Spirax Sarco (Cheltenham 2011)
View of Test facility with the unbuilt Energy Centre

Lightwells
Through office and down to Canteen; also shows sunpipes and sensor controlled lighting



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e p.ireland@voidprojects.co.uk