

**Client:**

Almac Group, specialist pharmaceutical manufacturer

**Project:**

Installation of two HV/LV substations incorporating 2 x 1500kVA cast resin transformers and associated LV switchboards complete with interconnecting overhead busbar, to supply and feed three new chiller systems, each with operating current of 1400 amps.

**Location:**

Loughborough, UK

**Panel builder:**

Armah Switchgear Ltd

*"We used Terasaki on this project as we knew we could rely on Terasaki to deliver the Six withdrawable ACBs and associated plugin MCCBs on the very tight delivery requirements of the project.*

*Terasaki were able to offer product selection support, installation advice, discrimination support and onsite commissioning of the ACBs & MCCBs"*

- Ken Wood, Armah Switchgear Ltd

# Tested and verified combination for Charnwood Analytical test facility

"... to meet ongoing client demand, Almac Group announced the expansion of its pharmaceutical development & manufacturing services with the acquisition of a significant proportion of the 70-acre Charnwood Campus in Loughborough, England – a world-class science, technology and enterprise park. Since that announcement the facilities have undergone significant investment both in building enhancements and the installation and validation of new processing and analytical technology."

- Source: [www.almacgroup.com](http://www.almacgroup.com)

Armah Switchgear supplied a pre-tested, pre-verified combination of Terasaki circuit breakers and Elsteel Techno Module modular switchboard system. This allowed a cost-effective solution which complied with the latest standard (BS EN 61439-2).



Charnwood Analytical test facility at Loughborough

### Project Details

- 6 x TemPower 2 ACBs with ADR 21BL PG protection relay incorporating restricted earth fault protection
- 4 x TemBreak 2 plug-in MCCBs with unique base interlocking mechanism for operator safety



Switchboard room in Charnwood campus

