



# LV SWITCHGEAR

**Date:**  
2018

**Client:**  
Mercury Engineering

**Contract Value:**  
£449,476

**Client Contact:**  
Mercury Engineering Ltd  
Suite L1, Boston House, 69-75 Boston  
Manor Rd, Brentford, TW8 9JJ.  
Tel: 0207 488 1920

## The National Physical Laboratory Teddington, London

### Contract Summary:

The National Physical Laboratory is the national measurement standards laboratory for the United Kingdom, based at Bushy Park in Teddington, London.

NPL employs over 500 scientists, based in south-west London. The laboratory is a 36,000m<sup>2</sup> purpose-built measurement building with 388 of the world's most extensive and sophisticated measurement science laboratories.

### Contract Specifications:

As part of a refurbishment of the National Physical Laboratory building control systems TES were awarded the contract for new Packaged Transformers & Rising Main Units for three buildings within the laboratory; AQML Building, AQML Science and Building 2 Science. The Contract Works included:

- > Design, supply, installation, testing and commissioning of 3no. Packaged Transformers and Rising Main Units;
- > 2no. 315KVA Oil Filled TX C/W RN2c-T1 & 400A/1 Way MCCB Cabinet;
- > 1no. 500KVA Oil Filled TX C/W RN2c-T1 & 400A/2 Way MCCB Cabinet;
- > 9no. Form 4 Type 6 Switchboards;
- > 5no. Singleline Bypass ATS's;
- > 18no. Bespoke Distribution Boards c/w Isolation Transformer's & Filters;
- > 1no. Generator Load Bank;
- > Factory Acceptance Test;
- > Delivery, Installation and SAT commissioning.

