



# B&S Technical Services Ltd – Onsite Services



**B&S Technical is a specialist on-site services provider including installations, commissioning, preventative maintenance, response contracts and surveys.**

Typical projects for B&S Technical:

- UPS, DC power and LV switchgear maintenance
- Electrical installations and testing
- Battery testing, builds and disposals
- System commissioning and load bank testing
- Thermal imaging surveys
- Power quality surveys and mains monitoring
- Energy efficiency surveys
- Metering installations (electricity, gas, water, heat)
- IT network cabling installations

The Technical Services team operates 24/7 with engineers certified for a range of manufacturers: AEG, Chloride, Huawei, Riello and SAFT. Our engineers are trained to work on secure sites and carry CSCS cards (gold level).

## UPS and DC System Maintenance Contracts

B&S Technical provides a range of contracts which vary in their response times (4 clock hours, 8 or 12 working hours) and number of preventative maintenance visits. A typical contract includes:

- A guaranteed emergency response time
- 24/7 technical support
- One preventative maintenance visit
- Firmware upgrades as required
- Labour (parts cover at extra cost)

**B&S Technical has over 20 years experience working with a range of clients and sites:**

- Industrial and petrochemical sites
- Datacentres and comms rooms
- Automotive and Transportation
- Medical facilities
- Power & Utilities

**We provide a number of services that can be purchased separately or added to an annual maintenance contract.**

## Battery Testing Service

B&S Technical uses advanced Cellcorder resistance testers, allowing us to accurately verify the health status of each battery block, string and the overall battery set. Clients receive a written report with graphs showing health and age trends together with advice on future replacement programs.

## Thermal Imaging Surveys

B&S Technical engineers use Fluke infrared cameras to identify 'hot spots' within switchgear, UPS systems and battery sets. Rising thermal temperatures can indicate harmonics, overloads, component breakdown, ageing (internal resistance) and the potential for thermal runaway.

## Power Quality Analysis (HV and LV systems)

The B&S Group are UK agents for Metrum, a leading European manufacturer of power quality analysers. Metrum power analysers can be sold separately or hired as a monitoring service to identify site power problems.

## Load Bank Testing (for AC and DC systems)

B&S Technical uses Torkel load banks. These can be hired out for Site Acceptance Testing (SAT), system proving or as part of a commissioning service.

**For more information please contact:**

**Marc Potts on 01244 393825 or email [techservices@bsgrouppltd.com](mailto:techservices@bsgrouppltd.com)**

## B&S Group – The Power Leading Solution

- Manufacturing solutions
- Field solutions
- Metering solutions
- Power solutions

## B&S Technical Services Ltd – part of B&S Group

Sovereign Way, Chester West Employment Park, Chester, Cheshire CH1 4QJ  
Tel: 01244 390215 - Web: [www.bsgrouppltd.com](http://www.bsgrouppltd.com) - Email: [info@bsgrouppltd.com](mailto:info@bsgrouppltd.com)

