

Surge Protection & Safety Services

BS 7671:2018 Amendment 2 requires surge protection devices to be installed where the consequence of overvoltage could damage a safety service. In Part 2 of BS 7671 a safety service is defined as:

“An electrical system for electrical equipment provided to protect or warn persons in the event of a hazard, or essential to their evacuation from a location”

Chapter 56 also provides a list of safety services, although it does point out that the list is not exhaustive:

- Emergency Lighting
- Fire Pumps
- Fire Rescue Service Lifts
- Fire Detection & Alarm Systems
- CO Detection & Alarm Systems
- Fire Evacuation Systems
- Smoke Ventilation Systems
- Fire Services Communication Systems
- Essential Medical Systems
- Industry Safety Systems

As we know, BS7671 amendment 2 will not apply retrospectively, but going forward, from 27th September 2022 when installing any of these systems, or when installing a new distribution board that supplies any of these existing circuits, a surge protection device will need to be installed.

This will include in domestic installations, as they are now considered along with other electrical installations for surge protection devices, where a hard-wired smoke alarm is present.

I hope this article has provided some guidance on the requirements from BS 7671:2018 amendment 2, if you have any further questions, or would like to participate in any of our free CPD sessions, please do not hesitate to get in touch.

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