

# UK Power Networks

## OPERATIONAL ALERT

<b>Document No:</b>	HSS 406 OA 13	<b>Issue Date:</b>	12 December 2018
<b>Type:</b>	Operational Alert		
<b>Subject:</b>	Use of the Fameca FC 5300 LV cable identifier		
<b>Applicable Areas:</b>	All areas of UK Power Networks	<b>Applicable Job Roles:</b>	All Operational Roles
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<b>Circulation:</b> <input type="checkbox"/> All UK Power Networks Staff <input checked="" type="checkbox"/> Asset Management <input checked="" type="checkbox"/> Capital Programme & Procurement <input checked="" type="checkbox"/> Connections <input checked="" type="checkbox"/> Contractors <input checked="" type="checkbox"/> Customer Services <input type="checkbox"/> Finance <input checked="" type="checkbox"/> G81 External website <input type="checkbox"/> HR & Communications <input checked="" type="checkbox"/> ICPs (Independent Connection Providers) <input checked="" type="checkbox"/> IDNOs (Independent Distribution Network Operators) <input type="checkbox"/> Information Systems <input type="checkbox"/> Legal <input type="checkbox"/> Meter Operators		<input checked="" type="checkbox"/> Network Operations <input checked="" type="checkbox"/> EPN <input checked="" type="checkbox"/> LPN <input checked="" type="checkbox"/> SPN <input checked="" type="checkbox"/> Connections Services <input checked="" type="checkbox"/> Distribution Capital Delivery <input checked="" type="checkbox"/> Highway Services <input checked="" type="checkbox"/> Logistics <input checked="" type="checkbox"/> Network Control <input checked="" type="checkbox"/> Powercare <input type="checkbox"/> Transport Services <input checked="" type="checkbox"/> SHE&TTA <input checked="" type="checkbox"/> In Business safety team <input checked="" type="checkbox"/> Safety Reps <input type="checkbox"/> Strategy and Regulation <input checked="" type="checkbox"/> UK Power Networks Services	

**Please consult the author if you have any queries about the information below.**

This Operational Alert replaces NA 76 Suspension of Use of Fameca FC 5300 LV cable identifier.



A recent incident occurred in the LPN area of UK Power Networks where a Fameca FC 5300 was being used to identify a low voltage cable.

Fameca and Clydesdale the UK supplier for Fameca carried out a full investigation of the incident with the information supplied by UK Power Networks. The incident occurred when the Fameca FC 5300 was being used on the fully interconnected network in Central London known as the Central London High Load Density Zone (CLHLDZ).

The Fameca FC5300 was being used on a LV fault location and was connected in both single and three phase configuration to try and identify an LV cable. When the Fameca FC 5300 was connected there were also signals being picked up on adjacent LV and HV cables where there should only have been a signal on the LV cable to which the equipment was connected. The equipment was disconnected and the LV cable was identified by digging back to a known LV cable joint.

**It is the responsibility of line management to ensure that all appropriate employees are issued with this Alert and their understanding of the contents is checked. This Alert will be subject to compliance audits after 14 days from the date of issue.**

**This printed document is valid at 12/12/18, check after this date for validity.**

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The report supplied by Fameca explains that the Fameca FC5300 was only designed to work on radial networks and not complex types of network therefore we can confirm that the Fameca FC 5300 can be put back into operational use but with the following restriction:

**The Fameca FC 5300 cannot be used on fully interconnected networks owned and operated by UK Power Networks.**

For further information please contact the author.

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