

Licence Specific Safety Induction

Meter Operative Briefing

Your responsibilities



- You have the responsibility for your own safety.
- You have the responsibility not to compromise the safety of Northern Powergrid (NPg) staff or members of the public.
- You must carry out a site-specific risk assessment in line with your own company procedures.
- You must carry out necessary testing prior to and on completion of your work.



Reporting



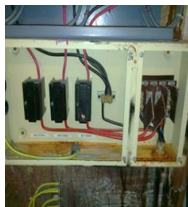
- For reporting service termination equipment issues that require urgent attention (category A issues), phone:
0800 917 9870 - Please save this number in your mobile phone.
- If you are leaving a customer notification card following a category A or B service termination issue report, please leave the customer with the NPg phone number 0800 011 3332.
- In the event of an incident/accident on site use the emergency contact numbers:
105 or 0800 668 877 (Northeast)
105 or 0800 375 675 (Yorkshire)

Authorisation




- You **MUST** be authorised by NPg and hold a valid authorisation code certificate for the appropriate code **BEFORE** carrying out any work on the NPg distribution network.
- Where breaches in operational practice are identified, NPg reserves the right to suspend or remove your authorisation.

Code	Description
O1.2	Single-phase installations For operations on domestic and commercial single-phase installations on cut-outs rated up to 100 Amps.
O1.3	Single-phase of a multi-phase supply installations For the removal of one fuse from a multi-way cut-out or distribution board. Intended mainly for meter operatives who only require to replace a single-phase meter. Operatives issued with this code will normally also receive code O1.2.
O1.4	Multi-phase installations For operations on multi-phase cut-outs and multi-way fuse boards with insulated bus-bars up to and including 500 Amps but excluding industrial service units (ISU). Operatives issued with this code will normally also receive codes O1.2 and O1.3.
O1.5	ISU installations with exposed LV For operations on ISU and multi-way fuse boards with exposed live bus-bars. Operatives issued with this code will normally also receive codes O1.2, O1.3 and O1.4.




Authorisation requirements and restrictions

Examples	Authorisation	Description and restrictions
	O1.2	No generic restrictions.
	O1.2	Meter and tails may be replaced only where the exposed live terminals can be shrouded.
	O1.3 (single) O1.4 (multi)	For single-phase meter. For multi-phase meter.





Authorisation requirements and restrictions

Examples	Authorisation	Description and restrictions
	O1.2	If paxolin phase cover needs to be removed, then the riser requires isolating under code O1.4 or O1.5.
	O1.3 (single) O1.4 (multi)	For single-phase meter. For multi-phase meter.
	O1.3 (single) O1.4 (multi) O1.5	O1.3/4 if the incoming terminals and bus-bars are suitably shrouded. O1.5 if the incoming terminals or bus-bars are exposed in any way. If the meter tails require changing and the incoming terminals or bus-bars are exposed, then the multi-way fuse board must first be isolated.

Authorisation requirements and restrictions

Examples	Authorisation	Description and restrictions
	O1.3 (single) O1.4 (multi) O1.5	<p>O1.3/4 if the incoming terminals and bus-bars are suitably shrouded.</p> <p>O1.5 if the incoming terminals or bus-bars are exposed in any way. If the meter tails require changing and the incoming terminals or bus-bars are exposed, then the multi-way fuse board must first be isolated.</p>
	O1.3 (single) O1.4 (multi)	<p>Single or multi-phase meter replacement only. If meter tails require changing, then the multi-way fuse board must be isolated as the removal of the phase barriers will expose live bus-bars.</p>
	N/A	<p>Connection of remote LV or HV CT meter to test terminal block. No NPg authorisation codes are required as not working directly on NPg network.</p>

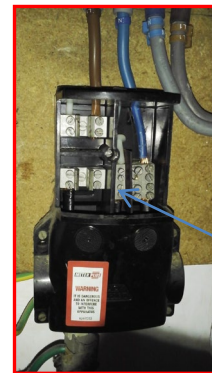
Authorisation requirements and restrictions

Examples	Authorisation	Description and restrictions
	O1.4	Heavy duty cut-out (HDCO). The incoming terminals must be suitably shrouded if working in cut-out.
 	O1.5	Industrial service unit (ISU).
	O1.5	Industrial service unit (ISU).

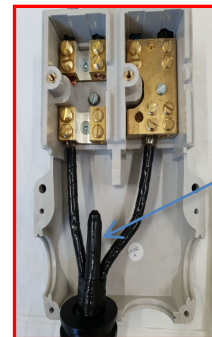
Local issues and restrictions

Cut-out containing switched 2nd live terminal

- Some locations may have a non-standard service arrangement where the cut-out has a third terminal (2nd live). It is a switched live previously used for local authority communal lighting or heating schemes. Though now mostly obsolete, the switched core/terminal may still be live. It is normally switched from the source sub-station and could be on a different phase to the main incoming supply fuse. Therefore, there could be a 400v supply at the terminals within the cut out.
- Operatives coming across this service arrangement must not continue with metering work, replace the cut-out cover and service fuse and report it to NPg as code B07.
- NPg will replace with a standard cut-out. The second live core will be stub ended where the second core still appears to be in use (outgoing wiring connected) then advice must be sought from your line manager for how to proceed.
- See NPg safety brief on the REC website for more detail.



2nd live terminal



Stub ended 2nd live terminal

Local issues and restrictions

Service termination security labels containing asbestos

- Some older style paper security labels with the “YEB” logo contain small quantities of asbestos but the fibres are well bound by the adhesive. Analysis shows that the release of fibres following scraping, tearing and abrading of the labels is well below control limits.
- Cutting or carefully tearing the labels does not expose fibres above the levels considered injurious to health so the use of PPE and RPE specifically for asbestos is not required.
- Labels should be left intact and undamaged. Where previous damage is present fix clear adhesive tape over the label before cutting.
- Report the presence of potential asbestos labels on cut-out to NPg as code C11.
- Removed meters should be carefully packaged for transport to avoid abrasion or damage of the labels whilst being returned.
- Follow your company procedure for the handling of asbestos waste.
- No evidence that plastic labels with the “YEB” logo contain asbestos.
- See NPg safety brief on the REC website for more detail.

