

Category B – Remedial Work	
DB work required for you to complete your work	
Asset Condition Code: B07	Code Description: DB equipment issue preventing installation/replacement of meter tails

Note:

DO NOT use this Code:

- If you are not permitted by your company to work on metal-encased cut-outs. Report the issue to your supervisor as per your company procedures;
- For situations where a shared fuse or shared neutral exists. Such situations should be managed in accordance with your company's procedures;
- Where the Meter Operative is not deemed to be competent to undertake the work, i.e. they are not trained to undertake specific work by their company e.g. operate/work on metal-encased cut-outs. This is a Meter Operator issue and does not relate to DB equipment;
- If you do not have the specific tools (e.g. crimper) needed to terminate the meter tails;
- Where the issue involves meter tails between the meter and the customer's equipment and is not DB related. These should be discussed with the customer.

Description:

The meter tail connection from the DB equipment to the meter needs to be replaced. You require the intervention of the DB in order to complete your work. Examples include:

- The connection terminals on the outgoing side of the cut-out are unable to accept a minimum conductor (tails) size of 16mm²;
- The connection in the DB equipment is welded in;
- Terminal screws cannot safely be slackened (e.g. neither fixed nor temporary shrouds are available);
- Holes would be left in metal DB equipment if the tails were to be exchanged and grommets or bushes to fill the entry point are not available;
- A meter position change that would create a potential category A issue that was not previously present and cannot be rectified by the Meter Operative e.g. changing the location of a meter which would expose live conductors in the cut-out that were previously covered by the meter (see example below);

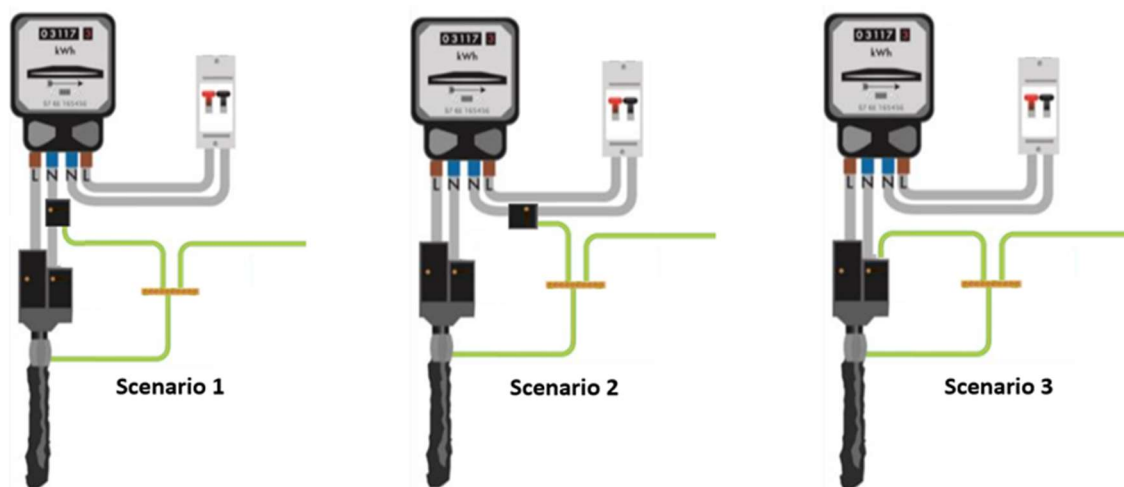


Raised position of meter could create a potential category A issue by leaving exposed live conductor(s) through the cut-out cable entry slot that were previously covered by the meter placed directly on top of the cut-out

- There are non-standard cable terminations in the DB equipment e.g. 2 meter tails feeding separate properties in the same live port and no second live port available (excluding lugged connections, see note below);

Note: In some circumstances, it may be necessary to make a lugged connection if the DB equipment requires it. If this is the case, do not report to DB and obtain the appropriate tools to make the connection;

- The incoming neutral is found to be wired directly to the meter with no termination at the cut-out (excludes supplies provided by rising mains and lateral services, see section below);
- There is (not immediately hazardous) debris within the cut-out or distribution board that poses a risk to its safe operation. Use Code A04 to report issues where hazardous debris provides an immediate risk.
- The PME connection arrangement is non-standard as shown in Scenario 1 below. Where the meter neutral tail between cut-out and connector block does not need to be replaced, you do not need to report as Code B07 but continue with your work and report as Code C21.



Rising Mains and Lateral Services

See also section 1.5.

Rising mains and lateral services are installed in all areas of GB and are used as a means of providing electricity supplies within multi occupancy buildings. The types of buildings which may have rising mains and lateral services installed within them may vary significantly ranging from buildings with as few as two individual properties to large multi storey buildings with hundreds of individual flats.

Defects should only be reported to the DB where it is clear that they are responsible for the operation and maintenance of rising mains and lateral services within the property where a defect has been identified. If the DB is not responsible for the operation and maintenance of rising mains and lateral services within the property a report will need to be sent to the Building Network Owner. If you are unsure regarding who a defect should be reported to contact your supervisor.

There are many different types of rising main and lateral service installations that have been installed across GB. The methods used will typically depend upon; the date of installation, the geographic location and the number of properties within the building. If you need further information regarding these installations, contact your supervisor.

In modern installations it is common for isolation to be available adjacent to the meter.

For older installations there may be issues associated with supplies provided by rising main and lateral service installations that differ significantly from other types of supply. These may include:



- No isolation (fuse) or neutral connection (block) is available at the meter position, i.e. the lateral service connections are made direct into the meter;
- No isolation (fuse) is available at the meter position, i.e. the lateral service connections are terminated into connector blocks;
- Isolation is located remotely usually via a multi-phase cut-out or within a multi-service distribution board (BEMCO/ Ryfield etc.);
- Typical lateral service connections into the meter may include;
 - PVC/ XLPE single core cables;
 - VIR insulated single core cables;
 - MICC (pyro cables).
- Isolation is available at the meter position via a red link isolator or fuse unit but no separate neutral block.

Where isolation or neutral connections are not available at the meter position this should not prevent a Meter Operative from installing metering equipment. Refer to your own company's procedures.

Note: In circumstances where the isolation point is located remote from the meter and can be identified, Meter Operatives should apply any isolation required and undertake their metering work.

Do not report these situations to the DB as Code B07.

Where appropriate report as a category C Code, typically:

- C14 (Fed from distribution board – local/remote from meter)
- C15 (DB cable terminating into DB equipment is VIR/MICC)

Actions:

- Wherever possible, for safety and security reasons ensure the DB equipment is sealed before leaving site;
- Stop work and do not commence your meter installation activity;
- Report the issue to the DB via the data flow system – report as Code B07. As this Code can be used for a variety of issues, to ensure the DB is aware of why a seemingly serviceable cut-out should be replaced, it is important to state the reason why in the free text field;
- Provide the DB with the customer's name and contact number using the data flow system;
- To ensure the customer is fully aware of next steps, leave a Category B Customer Notification Card (or equivalent) to advise the customer to expect communication from the DB requesting an appointment to visit site to inspect the DB equipment.