

1.0 INTRODUCTION

This document sets out our requirements for the installation of external loggers or similar device for data retrieval and transmission on our non-household meters. There are a number of scenarios that relate to this activity, These are:

1. The retailer installs a new logger on an existing 'dumb' meter;
2. The retailer installs a new logger on an existing meter with AMR;
3. The retailer installs a new logger on an existing meter with a wholesale logger already present;
4. A retailer logger needs removal and replacement so the existing meter can be replaced.

This policy sets out what the retailer should do when installing loggers to ensure that this activity is carried out to the required quality, with safety in mind and data retrieval from our meters is not compromised.

2.0 GENERAL INSTALLATION REQUIREMENTS

General principles that apply to all installations are:

1. You should inform us when you wish to install a logger and any other device on our meter or in the meter pit.
2. There can be no interference to the meter. No alteration to the meter is allowed such as holes drilled. If a pulse emitter and cable cannot fit directly to the meter without damaging the meter then we should be notified.
3. Fixings to chambers need to be secure and in positions where access to the meter is not hindered. All cables are to be tied and left neatly. Once installed a photograph should be sent to us showing the installation for our records.
4. All connections shall be water tight to IP68.
5. Where you have removed an obsolete logger or one that has stopped working you shall remove this logger from the pit and dispose accordingly. A logger left with corroding batteries is a health hazard to our operatives.
6. On no account shall you change any settings on electro magnetic meters when attaching loggers.
7. Where there is an existing AMR on the meter then we need to be informed in order to remove the AMR and provide an alternative pulse emitter and suitable splitter device and cables for you to attach your logging device. At no time are you allowed to remove the AMR device.
8. Where there is a wholesale logger already in place then you should notify us so we can install a suitable splitter device with cables for you to fit your logger. At no time are you allowed to cut our cables and fit your own splitter device.
9. Where we need to exchange a meter with a retailer logger installed then we will ask you to remove your logger equipment. Once our works are complete we will attempt reattach your logger and notify you that this has been done.

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3.0 TYPICAL INSTALLATIONS

The following photographs show typical installations that may be encountered.

Photograph 1 shows that some meter pits are not always ideal for installing logger equipment. This is why it is important to have fully water proof connections (IP68) and equipment neatly laid out with any long lengths of cable coiled.



Photograph 1

In this case our meter came with an AMR directly attached. In order for a retailer to install a logger we have removed the AMR on our meter and installed a pulse emitter, splitter device and remote AMR for the future. A wire end has been left to attach to the retailer logger. This logger should be fixed to the side wall in a convenient position without affecting the existing equipment.



Photograph 2

Photograph 2 shows the pulse head on a meter and a different splitter arrangement for the retailer logger as there is no requirement here for AMR. This installation follows the requirements we would expect when the meter pit is to our current standard.

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