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MEP and ATH forum

Modification of metering installations

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Modification of metering installations

What the Code says

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- (1) If a **metering installation** is modified, the **certification** of the **metering installation** is automatically cancelled with effect from—
- (a) the date the modification began; or
 - (b) if the **metering equipment provider** responsible for the **metering installation** does not know the date in subclause (a), the date on which the **metering equipment provider** became aware of, or would reasonably have been expected to have become aware of, the modification.
- (2) For the purposes of this clause, a modification of a **metering installation** includes, any 1 or more of the following:

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- (2) For the purposes of this clause, a modification of a **metering installation** includes, any 1 or more of the following:
- (a) any change to the **software, ROM, or firmware** in the **metering installation** that may affect the operation of the **metrology layer** unless the change is made under subclause (3):
 - (b) installation, removal, repair, or modification, of a **metering component** in the **metering installation**, other than the temporary connection of testing or monitoring equipment by using a **test facility**:
 - (c) any change to the burdening of a **measuring transformer** in the **metering installation**, unless changed under clause 31(6):
 - (d) reconfiguration of any wiring (but not straight replacement of wiring in a **category 1 metering installation**):
 - (e) relocation of a **metering component** in the **metering installation** or the **metering installation enclosure**:
 - (f) any interference with the **metering installation** that affects the accuracy of the **metering installation**.

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Replacement of a control device

- Replacement of a certified control device that does not switch meter registers is not classed as a modification provided that the
 - The replacement is recorded by the ATH that certified the metering installation
 - Appropriate procedures exist for the replacement and are carried out only by persons authorised by the MEP
 - It has the same characteristics as the control device it replaces
 - It is certified in accordance with Part 10
 - It is likely to receive control signals
 - It is correctly programmed
 - The metering and registry metering records are updated

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Replacement of a modem

- Replacement of a modem is not classed as a modification provided that
 - An approved test laboratory has tested and confirmed under clause 39 that the integrity of the measurement and logging of a data storage device in the metering installation would be unaffected by the change
 - the change does not, or would not be considered by the ATH who most recently certified the metering installation to, affect
 - the accuracy of the raw meter data obtained from the metering installation; or
 - the accuracy of the metrology layer of the metering installation; or
 - a compensation factor programmed into any metering component in the metering installation
 - The ATH who most recently certified the metering installation approves, in advance, the process of changing the software, ROM, or firmware in the metering installation
 - The change is carried out in accordance with a documented methodology that has been audited under this Part
 - The MEP responsible for the metering installation records in the metering records the details of the change, including the time and date
 - Any change of the metering installation's parameters does not affect the metrology layer

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Amending a certification report

- The Code allows an ATH to amend its certification report, under certain conditions (Clause 8A of Schedule 10.7)
- Conditions are
 - The ATH must be the ATH that issued the certification report
 - The change may only be for new information if that information would have changed the ATHs view, had it known it at the time it originally issued the certification report
 - An amendment under subclause must not
 - change the category of the metering installation
 - extend the expiry date in the certification report
 - change a calibration report in the certification report
 - If an ATH amends a certification report
 - the ATH must advise the relevant MEP of the changes to the certification report
 - the MEP must update the registry in accordance with Part 11 (it has 10 days – that may change)