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# Inspections

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# Inspection Requirements



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## General requirements

- The MEP must ensure inspections are:
  - carried out during the inspection window
  - carried out by an ATH
- If the inspection is not done then certification is cancelled effective from the end of the last day of the inspection window. There is no provision to retrospectively inspect, so the metering installation will have to be recertified
- The requirements for the inspections are contained in clause 44 of schedule 10.7

- The MEP must compare the inspection records with their records, investigate and correct any discrepancies, and update the registry if there are changes
- Any ICP that fails an inspection must be:
  - investigated see clause 10.43 (category 2 and above) or
  - recertified clause 45(7) of schedule 10.7 (category 1)

## Metering Categories 2 - 5

- For category 2 and above, every ICP must be inspected during its inspection window
- If the inspection is not done then certification is cancelled effective from the end of the last day of the inspection window. There is no provision to retrospectively inspect, so the metering installation will have to be recertified
- Outage coordination is extremely important
- Exemptions can take a couple of months. Get in early if outages are cancelled

## Category 1

- For category 1, the MEP must choose between:
  - Physically inspecting every ICP during its inspection window
  - Statistically sampling the entire population every year
- The requirements for physical inspections are the same as for Category 2 and above physical inspections
- If a physical inspection is not done then certification is cancelled effective from the end of the last day of the inspection window. There is no provision to retrospectively inspect, so the metering installation will have to be recertified

# Category 1 – Statistical Sampling

- Most MEPs use stat sampling. The process is well understood
- The selection process must be documented and submitted for approval at least 2 months before the first scheduled inspection
- Once approved, the process does not need to be approved again unless changes are made
- Some MEPs have not have a process approved. We therefore assume they are physically inspecting each metering installation during its inspection window (9.5 years to 10.5 years from certification)

## Inspection results

- The MEP must collect sufficient detail from the inspections to allow trend reporting. To date, most have identified some accuracy issues, but not in material numbers.
- The MEP is expected to analyse the results and identify trends that may identify any correlation between inaccuracy and metering characteristics
- The MEP is expected to action adverse trends to mitigate potential inaccuracies
  - Resample to confirm and identified trends, if necessary
  - Recertify ICPs with similar characteristics



## Inspection reports

- All MEPs with Category 1 metering installations MUST send a report by 1 April each year
- The prescribed form is on our website - <http://www.ea.govt.nz/operations/retail/metering/metering-installation/>
- Some MEPs have not submitted reports for previous years. This will be monitored this year