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Abstract:

Measurement Canada (MC) administers the approval and ongoing inspection of thermal energy meters (TEMs) in Canada, providing a distinctive approach compared to systems implemented by our European counterparts. While MC approves TEMs under the Terms and Conditions for the Approval of Thermal Energy Meters, we follow, where possible, the test procedures outlined in CEN-EN 1434 (sections 6.4 to 6.7) and OIML R 75 to ensure internationally recognized standards are met.

This presentation will outline MC's framework and challenges for both initial device approval and ongoing field inspections. We will discuss key differences in conformity assessment, market surveillance, and stakeholder engagement between Canadian and European agencies.