

## Industry Canada Certification



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The Certification and Engineering Bureau of Innovation, Science and Economic Development Canada provides a certification service for radio equipment and a registration service for terminal equipment in Canada.

Testing of either radio or terminal equipment, to establish compliance with Innovation, Science and Economic Development Canada standards, is performed in private sector laboratories. In the case of terminal equipment these laboratories are required to be approved in accordance with the provisions of a departmental procedure.

The technical standards for radio equipment are prescribed by Innovation, Science and Economic Development Canada to ensure various radio apparatus used by radio services such as broadcasting, cellular, Wi-Fi, air traffic control and Public Safety can operate with minimal impact on each other and with the best use of the spectrum.

The standards also ensure the radio apparatus meet the limits set forth by Health Canada on the exposure of radio frequencies, particularly concerning the limits for Specific Absorption Rate (SAR). Measuring SAR is a complex procedure.