UNDERSTANDING

SAFETY CODE 6



ABOUT SAFETY CODE 6

Safety Code 6 is a document that sets out recommended safety limits for human exposure to radiofrequency electromagnetic fields (EMF) in the frequency range from 3 kHz to 300 GHz.

This range covers the frequencies used by communications devices and equipment that emit radiofrequency EMF such as:

- Wi-Fi
- cell phones
- smart meters
- cell phone towers
- those using 5G technology

Safety Code 6 is reviewed on a regular basis to confirm that it continues to provide protection against all known potentially adverse health effects.

ABOUT THE SAFETY LIMITS

The safety limits in the code:

- protect against all established adverse health effects related to radiofrequency EMF, no matter the source
- incorporate large safety margins to provide a significant level of protection for all Canadians, including those working near RF sources
- provide protection for people of all ages and sizes, from exposure to all forms of radiofrequency EMF on a continuous (24 hours a day/7 days a week) basis

The exposure limits in Safety Code 6 are based on:

- Health Canada research
- an ongoing review of published scientific studies on potential adverse health effects

You are **protected** from the combined exposure of radiofrequency EMF from multiple sources with Safety Code 6 exposure limits in place. Safety Code 6 takes into account the total exposure from all sources of radiofrequency EMF in the range of 3kHz to 300 GHz. This includes those that may be used in 5G technology.

Visit **Canada.ca** and search **Safety Code 6** for more information.

Health Canada Santé Canada

Canada

HOW DEVICES ARE REGULATED

Innovation, Science and Economic Development Canada (ISED) regulates wireless communication equipment such as:

- Wi-Fi
- cell phones
- cell phone towers

ISED also:

- oversees the licensing and placement of cell phone towers
- ensures that these towers comply with regulatory standards for human exposure limits outlined in Safety Code 6
- considers the effects on the environment and local land use before towers are installed
- develops regulatory standards that require compliance with the human exposure limits outlined in Safety Code 6
- ensures that exposure to radiofrequency EMF from cell phones and cell phone towers do not exceed the specified limits
- maintains a market surveillance program and routinely audits antenna installations and devices to verify compliance

If new scientific evidence were to show that exposure to radiofrequency EMF below the levels found in Safety Code 6 poses a risk, the Government of Canada would take steps to **protect the health** of Canadians.

Visit **Canada.ca** and search **Safety Code 6** for more information.

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