

# RADIOFREQUENCY (RF) RADIATION

## AN INVISIBLE DANGER

### Know the Basics...

#### What is it?

Radiofrequency (RF) radiation is the energy used to transmit information wirelessly.

#### Could you be exposed?

The answer is **YES** if you work on a rooftop, side of a building, or other location where cellular and other antennas that give off RF radiation are present.

#### Why is it dangerous?

- ▶ It's invisible
- ▶ Power levels can spike without warning
- ▶ Can interfere with medical devices (e.g. pacemakers)

#### Symptoms of overexposure

- Headache
- Dizziness
- Labored breathing
- Reddening of the skin
- Overheating
- Burns



PHOTO CREDIT: PANCAKETOM/123RF



Faux chimney used to conceal 15 panel antennas.

### Before you start work...

- 📡 Ask the building owner, manager, or your supervisor if cellular or other RF-generating antennas are present.
- 📡 Look for antennas and obey warning signs. Remember, some are hidden to blend into their surroundings.
- 📡 Keep your distance—different types of antennas emit RF in different directions.

**Learn more at:** <https://cpwr.com/research/rf-radiation-awareness>

