MVG
Microwave Vision Group

YOUR RF SAFETY IS OUR PRIORITY!

Stay Safe on the Job

Monitoring RF Exposure for Professionals in Various Fields

With the increasing demand for wireless communication, the deployment of antenna infrastructure and radar technology has become more prevalent to meet coverage and capacity requirements. These installations are commonly found on top of buildings or antenna towers but can also be concealed in structures such as chimneys, ventilation ducts, or streetlights. For technicians who work near these antennas, whether visible or hidden, an RF safety personal protection monitor (PPM) will alert them when EMF levels exceed recommended safety thresholds. With a PPM, they will be safe and secure regarding EMF emissions no matter where they may be working.

Rooftop technicians

Tower climbers

Signage technicians

Workers near radars

Rooftop technicians

To support 5G network connectivity, more antennas are being installed. While some antennas are placed in visible locations such as rooftops, others are disguised for aesthetic, regulatory, or public relations reasons. As a result, workers at height, such as antenna technicians, first responders, and construction workers, may be unaware of their proximity to EMF emission sources while on the job. To ensure their safety, workers can use an RF Safety PPM that alerts them if EMF levels exceed recommended limits, ensuring they are more secure at work anywhere.

RECOMMENDED PRODUCTS

EME Guard X6 4B GHz

- Accurate measurement with tri-axis sensors
- Visual alarm 1 LEDs
- Instant audio & visual alarms
- Continuous monitoring of EMF levels up to 40 GHz
- Compatible with FCC 96-326 and ICNIRP 2020
- Ruggedized design for all weather conditions

https://mvg-brokerne_guard_xt_4ghz/

EME Guard Plus

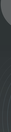
- Accurate measurement with biased rectifier probe
- Visual alarm 4 LEDs
- Customization of buzzer and vibrating alarm thresholds
- Data storage software
- Continuous monitoring of EMF levels up to 40 GHz
- Compatible with FCC 96-326 and ICNIRP 2020
- Ruggedized design for all weather conditions

https://mvg-brokerne_guard_plus/

Tower climbers

Tower climbers install, maintain, or repair antennas and transmitters on telecommunication or broadcast towers, which can potentially expose them to RF radiation. To ensure their safety on the job, tower climbers use safety equipment and RF safety PPMs to monitor EMF levels.

RECOMMENDED PRODUCTS



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Signage technicians

Signage technicians install, maintain, and repair various signs indoors and outdoors. When technicians work on the signs, like billboards along highways or streets, they need an RF Safety PPM to ensure that they are not being overexposed to radiation as there are antennas installed between or around the billboards to provide wide network coverage.

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Workers near radars

Radar equipment or systems are deployed in various locations such as military bases, airports, harbors, ships, and more for surveillance, detection, navigation, and tracking purposes. Professionals working at these locations may be exposed to EMF emissions, so they are in close proximity to radar equipment during their duties. To ensure the safety of personnel at work, an RF safety PPM can warn them if EMF levels exceed recommended limits.

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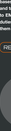

EME Guard X6 Radar

- Accurate measurement with tri-axis sensors
- Instant audio and visual alarm
- Robust, reliable and user-friendly
- Measurements up to 30 GHz
- Detects short pulsed signals

https://mvg-brokerne_guard_xt_radar

FlashRad

- Continuously monitors of electromagnetic field (EMF) levels
- Detection capability of pulsed signals, including short pulsed radar
- Measurements from 700 MHz up to 18 GHz
- Alerting users with sound, light or email

https://mvg-flashrad

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For more information:
www.mvg-world.com/flashrg