

Airport Safety:

When is the last time
you checked on
Insulation Resistance?

Your airfield boasts of state-of-the-art LED devices to ensure safe, reliable and efficient operations but did you know that your electrical fixtures are only as good as the insulation that protects the cables and wiring?

Electrical equipment without good insulation resistance (IR) can be a ticking time bomb. With the passage of time, insulation tends to wear and tear leading to potential leakages in the circuit that can cause electric shocks to humans handling the equipment and/or equipment damage as a result of accidental discharges.

How can OCEM's IRM help?

- Insulation resistance tracking is done in real time
- Deterioration is detected faster
- Staff is immediately informed about potential issues and problem areas

Insulation Resistance Monitoring (IRM)



Introducing OCEM's Insulation Resistance Monitoring System (IRM)

OCEM's IRM allows for measuring the earth leakage current of a series circuit powered by existing regulating units, without any modifications or interventions to the regulators.

Features

- Displays Insulation Resistance values
- Makes data available within the local network e.g; optical fiber or on cabinet or control systems
- Allows for early detection of deterioration of the earth insulation
- Reports potential criticalities to ensure action is taken
- Ensures the safety of all maintenance personnel
- Guarantees uninterrupted operation of lights and signs
- Connects from 127 regulators in typical conditions up to 508 regulators in special configurations



Venice Airport relies on OCEM's IRM

Venice city's Marco Polo Airport is not like any other airport. The presence of water surrounding the airport, especially during high tide can affect the electricals in use on the airfield. But rather than allow the water to play havoc with the electrical wiring, the airport management realized the necessity of keeping a constant check on insulation values.

OCEM's IRM solution was a perfect fit for the airport. Connected via standard industrial protocols (Ethernet and ISO/IEC 14908) to a dedicated monitoring system, the solution measures the quality of insulation resistance as a regular feature and alerts airport maintenance staff of any potential degradation in the electrical wiring.

Thanks to OCEM's IRM, Venice Marco Polo airport can assure safe operating conditions of its equipment and guarantee the absolute safety of its employees through permanent easy monitoring of the primary cable isolation resistance.

Get your airport electrical equipment IR protected today! Contact us for a detailed product data sheet:

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