



Electromagnetic field assessment

Demonstrating and assuring compliance
of electromagnetic fields in work environments

The 2013/35/EU Directive, and its transposition into national law, places an obligation on employers to limit employee exposure to electromagnetic fields (EMF). But how can a site demonstrate its compliance? And how do you resolve discrepancies? ENGIE Laborelec offers a low-cost electromagnetic field assessment service. We make recommendations on how to reduce exposure where it's needed, and we can also help optimize the design of new equipment and installations.

EMPLOYER RESPONSIBILITY

All EU member states have now transposed the 2013/35/EU Directive into national legislation, confirming employers' **legal obligations** to limit employee exposure to electromagnetic fields and to assess exposure levels in all relevant areas of the site.

But how is it done? Every possible EMF source, whatever the frequency, must be identified. Specialist measuring equipment and expertise is then needed to assess and document the associated exposure levels.

DEMONSTRATING COMPLIANCE

ENGIE Laborelec does the job for you. The measurement campaign usually takes half a day, during which our specialists investigate the site, **identify** potential EMF sources, **measure** the exposure level to workers and passers-by, and **document** and archive the results. The service is **a low-cost solution to demonstrate compliance** with applicable legislation, measuring EMFs of all relevant frequencies. We can also advise on how to reduce exposure levels in the event of non-compliance.

BENEFITS

- ♥ **Reporting compliance to applicable legislation**
Our service facilitates compliance reporting. We document and archive all measurement results for future use where required.
- ♥ **No hidden compliance issues**
Our specialists identify and measure all relevant electromagnetic fields on your site, ensuring there are no hidden compliance issues.

ADDED VALUE

- ♥ **Calibrated equipment for the entire spectrum**
We have the equipment necessary to measure electromagnetic fields of all frequencies between 0 Hz and 20 GHz. Measurement equipment is regularly calibrated to ensure the accuracy and validity of results.
- ♥ **Extensive experience in the field**
ENGIE Laborelec experts have many years of experience in the field, identifying and measuring EMFs in industrial and office environments, both large and small, including power stations, chemical plants and office buildings in proximity to HV stations.

