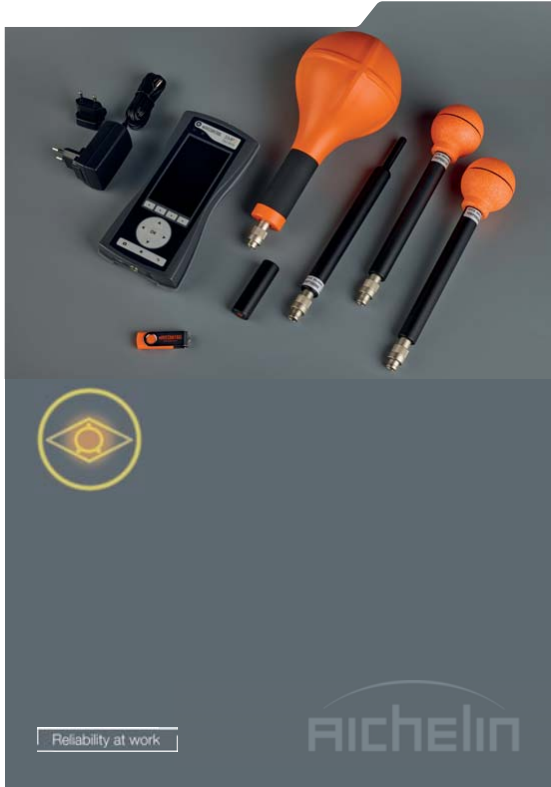


Measurement of Electromagnetic Fields Services



The **assessment basis** for the exposure to electric and magnetic fields as well as the normative specifications are:

- Directive 2013/35/EU (protection from electromagnetic fields)
- Regulation EMFV for the implementation of 013/35/EU (protection against hazards from electromagnetic fields)
- DGUV regulation 15 (electromagnetic fields), former BGV B11
- DIN EN 50413 VDE 0848-1:2020-10
- DIN EN 50519 VDE 0848-519:2010-11



When **designing and constructing** a machine or system from EMA Indutech, we use without exception proven and reliable components from well-known manufacturers. The installation of the plant is carried out by qualified personnel who have been instructed in the characteristics of an EMF-compliant installation.

The manufacturer's declarations are available for the supplied parts.

The Legislation requires an **assessment of electromagnetic fields** of production machines, products and workplaces in the current Directive 2013/35/EU. This also applies to old machines.

We offer you active support for the examination of workplaces for possible exposure. **This is not only important for wearers of pacemakers or metallic implants!**

The current load has to be considered in the risk assessment of the workplace in the office as well as in the production. Therefore, a measurement of the electromagnetic fields at the machines or plants is indispensable.



Measurement of electromagnetic fields on inductive heating and hardening machines

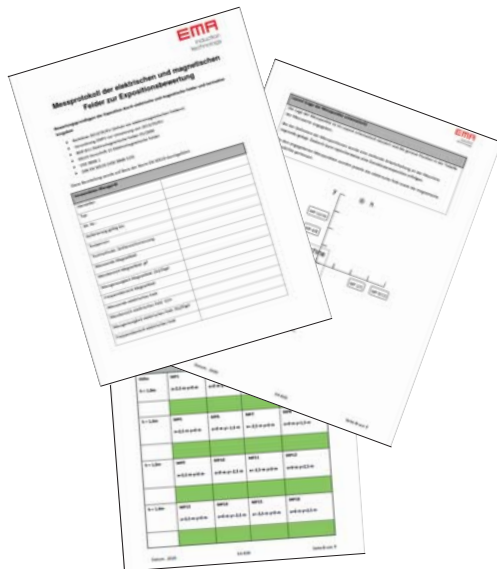
We carry out our certified measurements with the most modern and calibrated measurement technology.

The measurements are carried out according to current standards and regulations.

The results of the individual measuring points around the system to be measured are shown.

The measuring range of the devices is between 1 Hz and 400 kHz.

We offer the measurement of our machines as well as other plants.



Protocols

For each machine to be measured, you will receive a meaningful protocol.

In our company we evaluate the measured values at the individual measuring points for you. This evaluation is made available to you.

The protocol is also an important part of your machine documentation.