

Sound Level Measurements Services



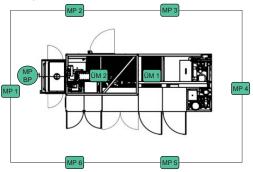
Protocols

For each measured machine 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 as a measurement report.

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

Example



Measured values (example):

 Hall base level
 52,38 db(A)

 Equivalent continuous noise level
 MP 1-6: 72,58 db(A)

 (according to DIN IEC 804)
 MP BP: 74,33 db(A)

 MP ÜM: 69,09 db(A)

Measuring points:

- Measuring points (MP) 1 6 are recorded at a distance of 1.0 m from the system and 1.6 m above the ground.
- Measuring point BP is at the operating station, 1.6 m above the ground.
- Measuring points ÜM 1 2 are recorded 1.0 m above the system.



Depending on the local conditions, EMA Indutec systems or other machines can produce a sound pressure level that can cause noise-induced hearing loss. At a level of more than 85 dB(A), the operating personnel must wear hearing protection.

Alternatively, sound protection measures can be installed.

As a service, and at the customer's request, we can produce **sound measurement reports** for our own systems and for any other machines and systems.

The measurements are carried out according to the **current standards and regulations** and, if necessary, according to the customer's specifications.:

- DIN 45635: Noise measurements on machines
- DIN EN ISO 3746:2011: Acoustics: Method using an enveloping measurement surface
- IEC 804/DIN EN 60804: Integratingaveraging sound level meters
- Directive 2006/42/EG
- Directive 2003/10/EG



Measuring protocol (example):



Soundproofed workroom

