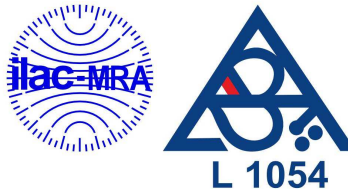




MEASUREMENT OF NOISE EMISSION

One of duties of manufacturers and distributors is to place into the Czech and EU market only such products that meet requirements of the Directive 2000/14/EC amended by the Directive 2005/88/EC (GP No. 9/2002 Coll. in wording of GP No. 342/2003 Coll. and GP No. 198/2006 Coll.) in terms of noise emission.

About meeting this requirement the manufacturer or distributor shall issue a EC declaration of conformity.



WE PROVIDE ACTIVITIES FOR CONFORMITY ASSESSMENT

SZZPLS, J.S.C. as an **AO 255/NB 1016** provides activities for conformity assessment and we offer measurements using the methods in accordance with Annex III of the relevant EU directive (GP), in this area:

- measurement of sound power of machinery as a basis for determination of the guaranteed sound power level and as a basis for issuing the EC declaration of conformity;
- determination of the guaranteed sound power level.

OTHER SERVICES ON NOISE AND VIBRATION

Measurement of noise and vibration emitted by machinery to meet requirements of the Directive 2006/42/EC (GP No.176/2008 Coll.)

- measurement of noise emitted by machinery at the workplace,
- measurement of sound power of machinery,
- measurement of audible warning device of machinery,
- measurement and assessment of audible warning device of machinery,
- measurement of noise emitted by machinery at the workplace.

The Directive 2000/14/EC amended by the Directive 2005/88/EC (GP No. 9/2002 Coll. in wording of GP No. 342/2003 Coll. and GP No. 198/2006 Coll.) is applicable to products included **in two groups**.

The first group is formed from equipment mentioned in the Clause 12 of the Directive with AO/NB compulsory participation and for which the maximum permissible level of noise emission is limited.

The Clause 12 of the Directive (Annex No. 1, GP)

Equipment subject to noise limits and AO/NB compulsory participation:

- builders hoists for the transport of goods, combustion-engine driven
- compaction machines: rollers, vibratory rollers, vibratory plates and rammers
- compressors
- concrete-breakers and picks, hand-held
- construction winches, combustion-engine driven
- dozers
- dumpers
- excavators, hydraulic or rope-operated
- excavator-loaders
- graders
- hydraulic power packs
- landfill compactors, loader-type with bucket
- lawnmowers (grass cutters)
- lawn trimmers (lawn edge trimmers)
- lift trucks
- loaders
- mobile cranes
- motor hoes
- pave-finishers
- power generators up to 400 kW
- tower cranes
- welding generators



The second group is formed from equipment mentioned in the Clause 13 of the Directive for which the determination of the guaranteed sound power level and indication of the guaranteed sound power level on the equipment is required.

The Clause 13 of the Directive (Annex No. 2, GP)

Equipment, which the determination of the guaranteed sound power level and indication of the guaranteed sound power level on the equipment is required for:

- aerial access platforms with combustion engine
- brush cutters
- builders hoists for the transport of goods, with electric motor
- building site band saw machines
- building site circular saw benches
- chain saws, portable
- combined high pressure flushers and suction vehicles
- compaction machines (explosion rammers)
- concrete or mortar mixers
- construction winches, with electric motor
- conveying an spraying machines for concrete and mortar
- conveyor belts
- cooling equipment on vehicles
- drill rigs
- equipment for loading and unloading silos or tanks on trucks
- glass recycling containers
- grass trimmers/grass edge trimmers
- self-propelled hedge trimmers, portable
- high pressure flushers
- high pressure water jet machines
- hydraulic hammers
- joint cutters
- leaf blowers
- leaf collectors
- lift trucks
- mobile waste containers
- pave-finishers, equipped with high-compaction screed
- piling equipment
- pipe layers
- paste caterpillars
- power generators >400 kW
- power sweepers
- refuse collection vehicles
- road milling machines
- scarifiers
- shredders or chippers
- snow-removing machines
- suction vehicles
- trenchers
- fresh concrete truck mixers
- water pump unit