



Noise and Vibration Testing

The focus of the competence area is on the measurement of noise, vibration and harshness (NVH) of various machines, equipment, vehicles and their components. Based on the measurements, it is possible to reduce the generated noise and vibration level with innovative solutions.

COMPETENCIES

- Comprehensive NVH knowledge
- NVH measurement skills
- NVH measurements indoors and in free sound fields
- Vibration measurements on machines and equipment
- Determination of noise and vibration characteristics of machines and equipment by measurement
- Development of noise and vibration reduction measures



SERVICES



TOOLS

- B&K Photon+ 4 channel data acquisition unit
- B&K PULSE 6 channel data acquisition unit
- B&K 2260 investigator
- A variety of microphones and accelerometers
- Laser vibrometer



REFERENCES

- Determination of sound power level of refrigerators (Electrolux Lehel Kft., Dometic Zrt.)
- Noise reduction of refrigerators (Dometic Zrt.)
- Noise measurement of a hedge trimmer, possibilities of noise reduction (Robert Bosch Power Tool Szerszámgyártó Kft.)
- Noise and vibration testing of an angle drive (Rába Futómű Kft.)
- Comprehensive investigation and noise reduction of mobile HVAC modules (Robert Bosch Energy and Body Systems Kft.)