Report of vibro-acoustic laboratory SE “UKRMETRTESTSTANDART”, Kiev, Ukraine

Andrey Ivashchenko

SE “UKRMETRTESTSTANDART” is one of four National Metrology Institutes of Ukraine. Our laboratory owns the state primary standard of Ukraine in the field of vibration. The Ministry of Economic Development and Trade of Ukraine approved this reference standard as a state reference standard in 2018.

Also, our laboratory is the largest calibration laboratory in the field of vibro-acoustic measurements in Ukraine. Right now 7 employees are working in this laboratory.

Every year we calibrate about 20 vibration reference transducers, 600 sound level meters, 500 vibrometers and vibration transducers, 100 audiometers, 200 ultrasonic flaw detectors and ultrasonic reference blocks (for Non-Destructive Testing), 800 ultrasonic medical diagnostic systems.

Our laboratory participated in COOMET.AUV.V-K1 comparison in the field of vibration (unfortunately it is not finished yet). At the moment we are participating in CCAUV.V-K5 comparison and Pilot COOMET 706/RU/16 comparison (measurement of velocity of ultrasonic waves in different solid media).

Our laboratory was accredited to meet the requirements of ISO 17025 and our quality management system was approved by COOMET peer review.