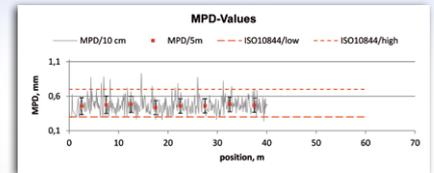


## Remote re-certification of test tracks

according to ISO 10844:2021



Mean values acc. to. ISO 13473-1

MPD, mm	0,46
ETD, mm	0,57
shape factor, %	87,56

surface drone

surface drone protocol

Mueller-BBM is your partner to certify test tracks according to ISO 10844:2021 „Acoustics — Specification of test tracks for measuring sound emitted by road vehicles and their tyres“. We are able to offer you a unique service: the remote assessments for the re-certification of acoustic test tracks using our advanced measurement system **surface drone**.

### How will the remote re-certification of an acoustic test track work?

In case your track is to be re-certified and only the texture and irregularity requirements are to be checked, we can do the assessment remotely.

1. A surface drone unit that has a special feature called “sealed mode” will be shipped to you. With this option, the measurement data will be recorded in a special safe mode and is protected against manipulation and stored encrypted together with time and location of the measurement. Thus, the validity of the collected measurement data can be guaranteed to third parties.
2. Together with the surface drone we will send you a video tutorial on how to perform the measurements.
3. As soon as possible, i.e. when weather conditions for texture measurements are met, we can remotely (this requires an internet connection at the track) accompany the measurements at your track and guide you in operating the surface drone on the track. When texture measurements are completed, you can retrieve the data with an USB flash drive and send us the files.
4. After the measurements are concluded, the transportation company will pick up the surface drone.
5. If all the requirements according to ISO 10844 are met, the measurement report will be supplemented with the certification information and a certification plaque will be sent.\*

Thus, remote assessments will replace the otherwise usual on-site assessments as far as possible.

This approach will apply to periodic checking of ISO test tracks, requiring texture and irregularity measurements only. For the acceptance test of new test tracks, measurements of acoustic absorption of the track surface are mandatory as well. Please contact us to find out the certification status of your track!

\*Data, e.g. on material characteristics, of earlier certification reports will be included as far as available.

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