

PMP – Particle Measurement Program Informal Working Group Task Force 2– Brake Dust Sampling and Measurement

Meeting #27 – Thursday 08 APRIL 2021 15:00 – 16:00 CEST

Minutes of Meeting – Draft Version

1. Participants: As in the file *“27th TF2 Meeting Attendance”* uploaded in TEAMS.

2. Background: TG briefly described the current status and the next steps aimed by the TF2. PM and PN discussions will be the main focus of TF2 in the next two months. TG provided a short presentation summarizing the activity so far and the agreed specifications to be applied in the upcoming Interlaboratory study (ILS). The presentation *“27 TF2 Meeting - Activity Update”* has been uploaded in TEAMS. The organization of the ILS will take place in May by a dedicated Task Force (TF3). It is expected that some participating labs will start testing in September; however, TF3 needs to make sure that adequate time will be given to all labs to prepare.

3. Mass Measurement: RV presented LINK-US’s experience with PM₁₀ and PM_{2.5} measurements. RV provided a brief description of the setup, the methodology, the equipment, and the specifications followed to perform sampling and measurement of brake PM₁₀ and PM_{2.5}. The follow-up discussion focused on the system’s performance under different flowrates, the validation of the transport efficiency with view to bigger particles, and the specifications of the cyclones and the nozzles to avoid losses. Additional recommendations will be provided by LINK-US in the final version of the current document.

4. Next Meetings: The next meeting will take place on 22.04.2021. AVL will present its point of view on the topic of PM measurements. The following meetings are foreseen for 29.04.2021 (Horiba) and 06.05.2021 (LINK-EU). Brembo and BMW also expressed interest to present their approaches. Exact calendar will be announced in the MoM of the next meeting.