

Particle Number & Particulate Mass Emissions Measurements on a 'Euro VI' Heavy-duty Engine using the PMP Methodologies

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Objectives:

- Compare current gravimetric and heavy-duty PMP methods for particulate mass (PM) measurement.
- Assess the heavy-duty PMP particle number methodology
- Provide data on European and World-harmonised test procedures for a modern engine.

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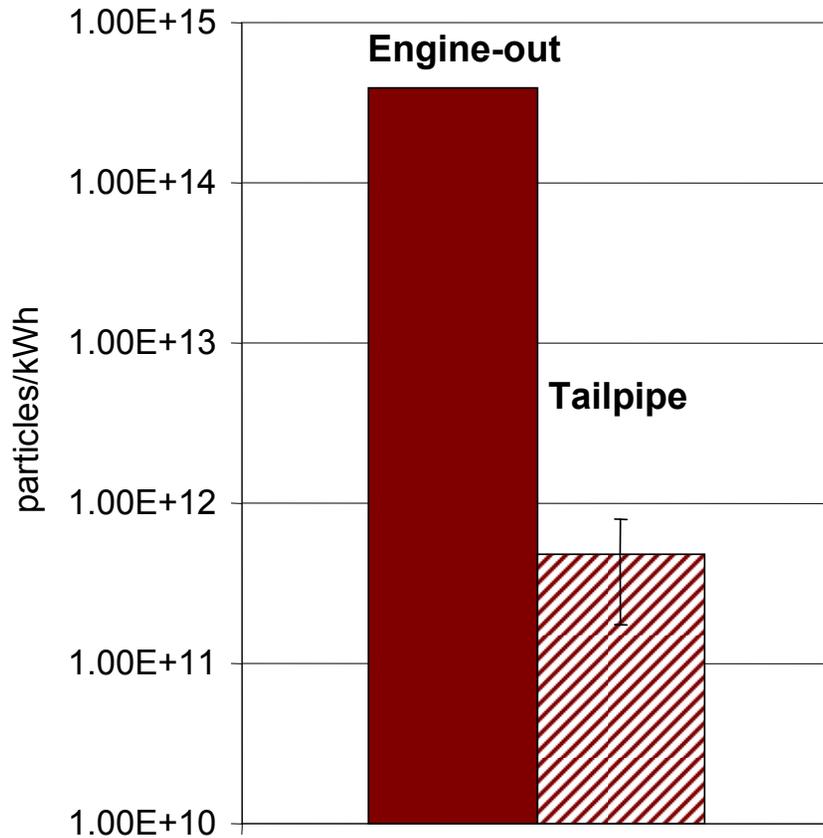


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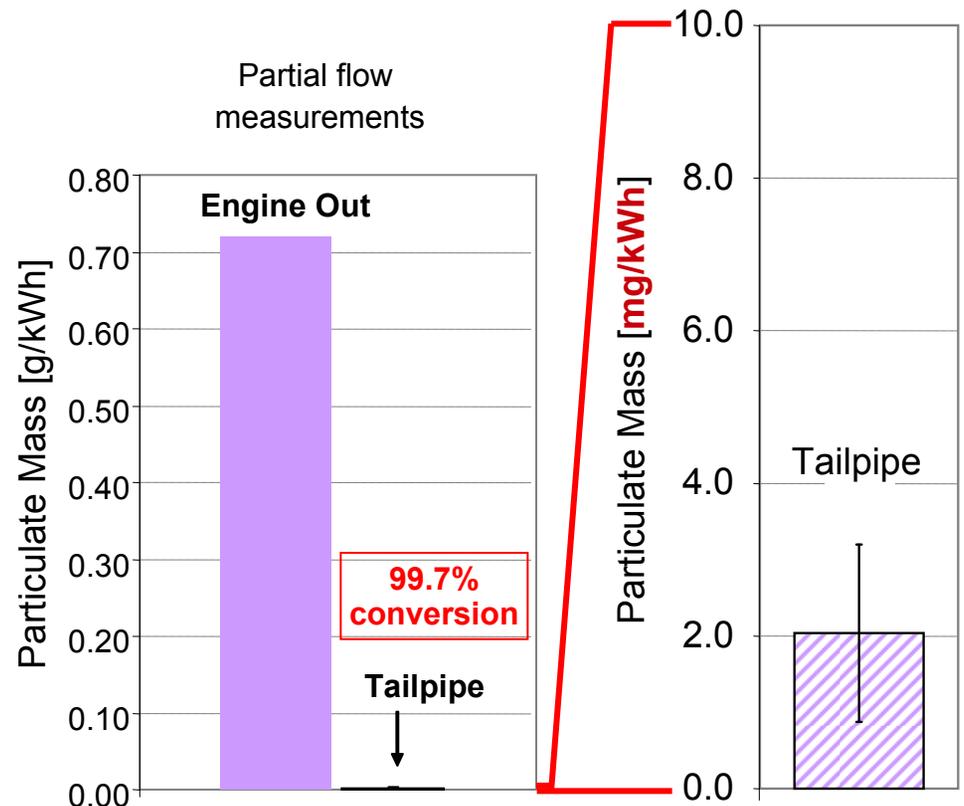


PMP particle number and mass results on the World Harmonised Transient Cycle (WHTC)

Particle Number measurement



Particulate Mass measurement



WHTC (5 min hot soak, 10% cold weighting)