



Real-world in-service monitoring of emissions for Non-Road Mobile Machinery (NRMM) with PEMS

We provide portable emissions measurement for Non-Road Mobile Machinery (NRMM) around the world and in the UK at our purpose-built proving ground. By using HORIBA's industry leading OBS-ONE PEMS equipment, we provide highly accurate and repeatable data that enables customers to meet the requirements of Stage V In-Service Monitoring (ISM).

Our services:

- Complete ISM plan for engine manufacturers
- Training, technical support and consultancy with NRMM ISM testing
- Equipment hire
- NRMM development testing

Benefits of our service:

- High quality test services available at our purpose-built secure proving ground or at customer sites worldwide, enabling vehicles to be tested easily in their normal operating conditions
- Accurate and repeatable testing using industry leading HORIBA OBS-ONE PEMS
- Skilled engineering and technician team with proven experience delivering ISM testing worldwide to EU Stage V regulations
- Access to purpose-built rugged enclosure and drivers aid, enabling high quality, timely and cost effective results

Benefits of our equipment:

- Meets the requirements of EU 2017/655 for Stage V ISM
- Highly accurate, stable and repeatable measurements covering all gaseous pollutants required for monitoring (CO, CO₂, NO_x and THC)
- Specially designed rugged enclosure for anti-vibration and weather protection, providing accurate and repeatable data even in the most extreme conditions
- Wireless PEMS operation and HORIBA NRMM driver's aid, giving real-time feedback to the machine operator and test engineer – greatly improving test success rate while reducing cost



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