

Off road. On track.

Clear and accurate Stage V testing starts with Linde.

From January 2018, Stage V regulations will be in place for the type-approval of new engines. And from January 2019, they will apply to all new engines placed on the EU market. So, that means coping with stricter emissions standards across all non-road mobile machinery: from diggers and chainsaws, to snowmobiles and agricultural equipment.

In other words, if there's a new engine, it means meeting more stringent requirements. Carrying out more testing. And knowing that you need to be absolutely, positively certain that your results are accurate. That's why, when it comes to measuring gaseous pollutants, calibrating your analytical instrumentation is vital.

So, are you ready?

You can be, with Linde. Our HiQ calibration gases and equipment are designed for precision. So, you can be sure that your analytical instrumentation is ready for Stage V testing. And that you've got everything in place to deliver reliable and accurate results.

Turn over to find out how we can help with your Stage V testing.

Are you ready for Stage V implementation?

Stage V – the key facts at a glance

To enable compliance with Stage V, you'll need

- a proper after-treatment strategy to control engine emissions
- the appropriate analytical methods to carry out reliable measurements of controlled pollutants
- to carry out in-service monitoring of engines using Portable Emission Measurement Systems (PEMS) for measuring NO_x, HC, CO and CO₂



Why should you choose Linde?

We have a heritage of supporting the emissions testing sector through changing legislation, such as the recent Euro 6 regulation. It means we know what you need and how to deliver it. That's why you'll rapidly experience the benefits.

Convenience

You have

- access to a comprehensive product portfolio fully aligned with Stage V needs
- a package of dedicated fit-for-purpose gases and equipment that's tailored for you
- a partner that knows the legislation and how it will affect you. So, you can rely on us for expert support and advice when it comes to choosing the calibration gases that are right for you

Compliance

You can

- meet stringent testing and analysis requirements with gases and equipment that are designed for precision
- trace our gases to national and international standards
- demonstrate compliance, with conformity and analysis certificates

Quality

You get

- gases packaged for you – tailored to your requirements, and delivered without compromising quality
- ISO 17025 accredited products to help you to optimise your analytical processes, so you can deliver results that you can trust
- the support and expertise of a market-leading supplier: one that's committed to innovation, service and quality

Get on track for Stage V

It doesn't matter whether you're testing in the lab or carrying out in-service monitoring, or whether you're testing huge machines or hand-held ones.

Clear and accurate Stage V testing starts with Linde. Contact us today to discuss how we can help.

Visit: hiq.linde-gas.com/stagev



Discover more at
hiq.linde-gas.com/stagev

Getting ahead through innovation

With its innovative concepts, Linde is playing a pioneering role in the global market. As a technology leader, it is our task to constantly raise the bar. Traditionally driven by entrepreneurship, we are working steadily on new high-quality products and innovative processes.

Linde offers more. We create added value, clearly discernible competitive advantages, and greater profitability. Each concept is tailored specifically to meet our customers' requirements – offering standardised as well as customised solutions. This applies to all industries and all companies regardless of their size.

If you want to keep pace with tomorrow's competition, you need a partner by your side for whom top quality, process optimisation, and enhanced productivity are part of daily business. However, we define partnership not merely as being there for you but being with you. After all, joint activities form the core of commercial success.

Linde – ideas become solutions.

Linde AG

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