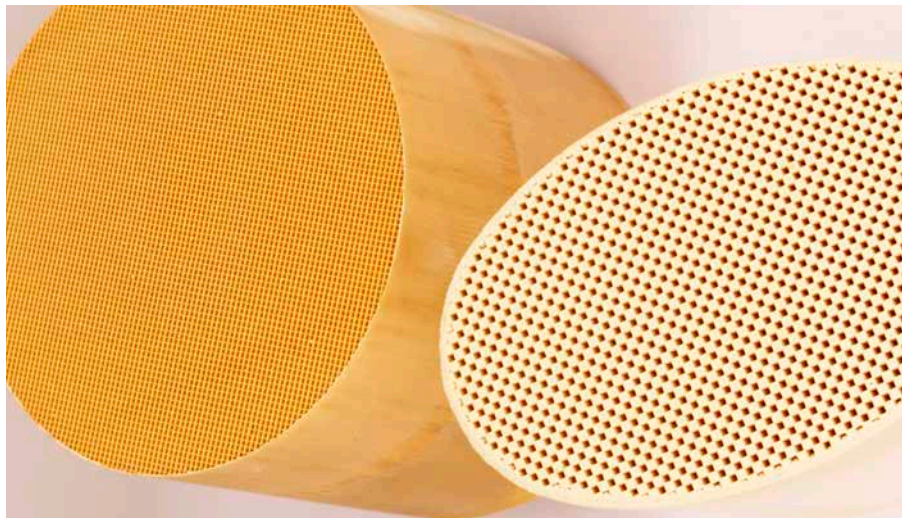


EXHAUST CATALYST AGEING AND FABRICATION

Intertek Transportation Technologies

Intertek's skilled fabrication team can produce the most complex of exhaust systems, to full OEM specifications with very short lead times.



Trusted expertise

Intertek is an industry leader with more than 43,000 employees in 1,000 locations in over 100 countries. We deliver Total Quality Assurance expertise 24 hours a day, 7 days a week with our industry-winning processes and customer-centric culture. Whether your business is local or global, we can help to ensure that your products meet quality, health, environmental, safety, and social accountability standards for virtually any market around the world. We hold extensive global accreditations, recognitions, and agreements, and our knowledge of and expertise in overcoming regulatory, market, and supply chain hurdles is unrivalled.

Intertek Transportation Technologies based in Milton Keynes UK has over 30 years' experience in fired engine-based exhaust system ageing. This includes both Diesel & gasoline exhaust catalysts including DPF and GPF based systems.

During this time, Intertek has gained experience of a wide range of manufacturer and industry standard testing procedures including engine thermal or chemical-based system ageing. Intertek can also advise and assist with the creation of bespoke ageing drivecycles for thermal cycling or advice on the correct dopants needed for chemical poisoning of test parts.

Intertek's catalyst ageing experience is complemented by a full exhaust and catalyst system prototype manufacturing capability, with the capacity to produce hundreds of parts as well as bespoke one-off systems.

Intertek's skilled fabrication team can produce the most complex of exhaust systems, to full OEM specifications with very short lead times. Bespoke fabrications can also be reverse engineered into CAD files which can be supplied to customers for full scale mass production if required.

Intertek operates its exhaust catalyst ageing department within the strictest health and safety legislation and with due regard to latest requirements of the European end of life vehicles Directive (2000/53/EC) for the handling and disposal of Refractory Ceramic Fibres (RFCs). All of Intertek's catalyst preparation, recanning and post test handling of systems is operated within the scope of EOL Directive.



DPF/GPF
FABRICATION SERVICE

>100
PROTOTYPE SYSTEMS

FOR MORE INFORMATION



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EXHAUST CATALYST AGEING AND FABRICATION



Intertek's skilled fabrication department can manufacture everything from small one-off components to multiple exhaust systems

Intertek's VCA recognised and award-winning 32 test cell laboratory is trusted by many of the world's vehicle manufacturers to deliver quality data and test hours with minimum down-time.

Intertek's laboratory is a 24/7 operation meaning engine maintenance, hardware changes, instrumentation calibration and servicing can be performed outside of the normal working day, maximising cell availability for customer work.

These facilities are fully accredited to ISO 9001.

Key features

- 32 award winning test cells with 65 dynamometer options
- Test fuel supply & storage
- Experience of many different ageing cycles
- Full exhaust system preparation and instrumentation
- Gasoline catalyst ageing
- Diesel catalyst ageing including oxidation catalysts, DPF systems and SCR systems
- Modal datalogging and 24/7 operation where required
- Thermal or chemical ageing cycles
- Full test bench control of AFR, ECM and test bed parameters

- Full combustion temperature control for multi-mode operations
- Multiple test cells & expert team of dedicated engineers & technicians
- Continuous volume fuel dosing rig for 'poisoning' agents
- Prototype catalyst & exhaust system manufacture
- Catalyst re-canning
- Bespoke exhaust system fabrication
- Photographic studio to support post-test analysis
- Formal test reports and data supply

To find an office or laboratory in a particular country, please visit [intertek.com/contact](https://www.intertek.com/contact)

All of our test facilities are fully accredited to ISO 9001.



FOR MORE INFORMATION



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