

Process Guide

Catalyst Ageing without an Engine

How do we do this?

How does CATAGEN age catalysts without an engine?

Using CATAGEN's patented OMEGA technology, a recirculating gas reactor powered by 100% renewable energy. CATAGEN can replicate your exact exhaust conditions up to temperatures of 1100C providing exceptional levels of data quality to help you meet emissions standards. Approved by UK VCA and Applus Idiada.

CATAGEN's Process

OEM catalyst arrives for installation- we can adapt any shape or size to fit into the OMEGA. Our ageing is also suitable for Hybrid Engines.



CATAGEN Ageing Metric is used for comparisons, test design and degradation history.



Successful homologation - The results are recognised by the VCA & IDIADA to gain certification.



CATAGEN's approach to catalyst ageing allows for reproducibility of data quality.

[Find out more](#)



Ageing cycle commences - We help you meet emissions targets faster with 24/7 testing and higher accuracy and flexibility.



Completed Test & Results - You receive consistent accurate data to be used to gain certification.

<p>100%</p> <p>On time delivery</p> <p>Lead time reduced and right first time</p>	<p>Up to 30%</p> <p>Cost savings</p> <p>With no hidden costs and no fuel expenses</p>	<p>Sub 2%</p> <p>Test to test variability</p> <p>Industry leading levels of reproducibility</p>	<p>98%</p> <p>CO₂ emissions saving</p> <p>Energy efficient and renewable energy source</p>
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Interested?
[Contact one of our technical experts](#)

