

BUILT TO FIT.

• COMPLETE UNDERCAR & CHASSIS CONTENT

• BEST-IN-CLASS EMISSIONS CONTROL

• ADVANCED BRAKING SYSTEMS

ARISTO® CATALYSTS

Aristo offers a full line of Intelligent Catalyst® products for on-road, off-road, stationary, industrial, commercial and marine engines powered by gasoline, diesel, or other fuel sources. Sophisticated design and formulation capabilities combined with advanced process technologies make Aristo a leader in providing solutions for a range of emissions control markets. All aspects of materials design, catalyst formulation, PGM-right sizing, process design and production are completed within our Hobart, Indiana facility, supported by 'state-of-the-art' QA/QC and catalyst screening tools.



POWER GENERATION

Meet conversion efficiency and durability requirements at any legislation level for stationary engines, generator sets, power plants, and industrial material handling equipment.

AUTOMOTIVE & ON-ROAD

Highly active and durable emissions control technologies for passenger car, light-duty trucks, medium- and heavy-duty vehicles, repair and maintenance vehicles, motorcycles and scooters, to enable cost effective solutions, meeting and exceeding all current legislative standards.

OFF-ROAD

A diverse portfolio of emissions solutions for agricultural equipment, construction and earth moving equipment, ATVs, UTVs, dirt bikes and small engines.

INDUSTRIAL

Economical solutions geared toward specific applications and the required emission targets for VOCs, NOx, HC and CO.



INTELLIGENT CATALYSTS, ECONOMIC SOLUTIONS

For nearly two decades, Aristo has designed and developed cost-effective catalysts to control emissions from combustion process, to limit both mobile and stationary sources of air pollution. Aristo's proprietary BON-X[®] method of producing washcoat slurries provides a state-of-the-art, high precision and cost-effective means of managing precious metal use. By designing and sourcing the best proprietary materials for our bespoke BON-X process and our cutting-edge coating technology, MISO[®], we provide our customers with emissions solutions that meet or exceed every expectation.

ARISTO TECHNOLOGY

We bring decades of in-house R&D experience in the field of catalysis and emissions control to bear in designing custom catalytic-solutions, through an intensive 'structure-function' based methodology via fundamental studies of materials and processes in our QA / QC labs. This is augmented by performance screening for light-off and transient emissions performed using our synthetic gas bench reactor wherein we perform initial formulation screening and aging studies and customized application-derived catalyst screening studies tailored to specific applications.



LOCOMOTIVE & MARINE

Emissions control systems including oxidation catalysts for HC and CO removal, methane and propane destruction, PM reduction, Urea-SCR and ASC systems for effective control of NOx under Lean-burn conditions.



QUALITY CERTIFICATIONS

ISO 9001:2015, ISO 14001:2015; TS 16949 "positioning".



PHYSICAL & CHEMICAL CHARACTERIZATION

In-house N₂-physisorption analysis for BET surface area and BJH pore size distribution and ICP and XRF for quantitative elemental analysis, TPR / TPO analysis for redox / OSC studies; third-party analysis of materials and catalysts using XRD, SEM, DTA/TGA.



PILOT PLANT

Process development, optimization and scale-up.

YOUR NEXT MOVE? Getting access to ARISTO Intelligent Catalyst products is simple Call 1 (800) 277-2787 or visit AristoGlobal.com.