



**DOX – Umicore’s Classical CO Oxidation  
Catalysts for Gas Turbines & HRSG**

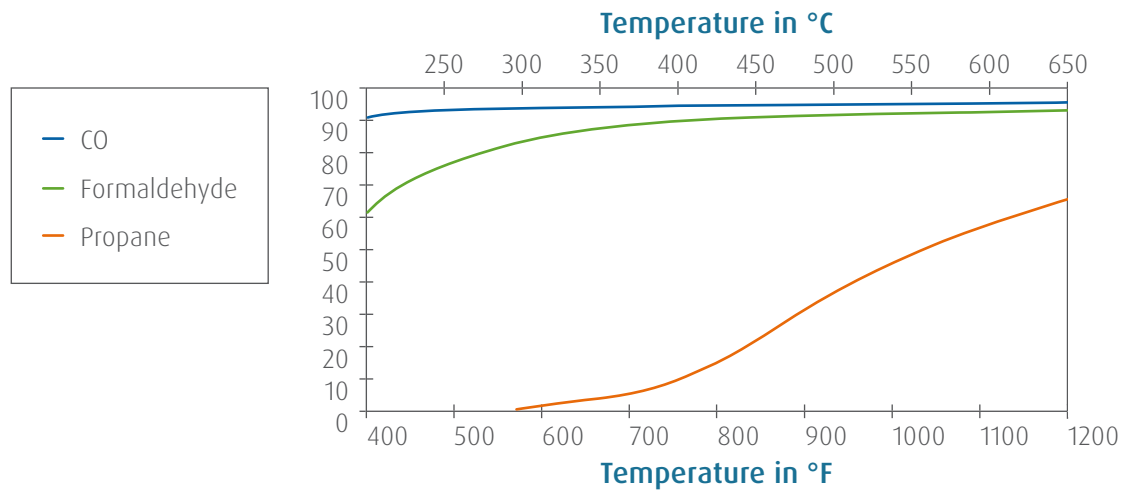
# An efficient solution for the removal of CO & VOCs

Today, the power industry, particularly Combined Cycle Gas Turbines and Simple Cycle Gas Turbines, has to meet increasingly challenging emissions limitations to remain compliant and reduce toxic emissions. Umicore offers a unique and diversified program of coated catalysts based on Platinum Group Metals (PGM), which provide an efficient and low-cost solution for the abatement of CO (Carbon Monoxide), VOC (Volatile Organic Compounds), HC (Hydrocarbons) and HAP (Hazardous Air Pollutants) for power generation facilities.



## The benefits of DOX

- CO, VOC, HC, HAP removal - with additional NO<sub>x</sub> removal option
- Wide range of design temperatures: from 480 to 1200 °F (250- 650 °C)
- Low SO<sub>2</sub> to SO<sub>3</sub> oxidation
- Sulphur resistance for enhanced durability
- Low back pressure
- Single vendor solution for CO, SCR and emission performance guarantees
- Customized PGM loading, cell density and coatings according to the application
- Available as standard frames (2' x 2') or in customized sizes
- Dual Function Option for the simultaneous removal of CO and NO<sub>x</sub>
- Local manufacturing thanks to our global production footprint



With over 40 years of experience in catalytic emission control, Umicore offers solutions for a wide range of applications and industries. We have more than 5,000 industrial references for catalytic oxidation, SCR, catalytic particulate filtration, ammonia oxidation and N<sub>2</sub>O reduction catalyst, making Umicore the right partner for a cleaner and decarbonized world.

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