



# KBR N<sub>2</sub>O Abatement

One-stop solution for a greener future



Reducing N<sub>2</sub>O emissions plays a significant role in combating climate change.

Whether you're considering implementing N<sub>2</sub>O abatement to ensure regulatory compliance, demonstrate environmental responsibility or leverage CO<sub>2</sub> credits, **KBR stands to deliver a solution tailored to your plant's specific needs.**

## KBR'S TERTIARY N<sub>2</sub>O ABATEMENT OFFERINGS INCLUDE

- N<sub>2</sub>O removal efficiency as high as 98.5% via direct decomposition (high temperature) or reduction using a reducing agent (e.g. natural gas, propane, etc.)
- System designs suitable for a wide range of tail gas temperatures (i.e. 385°C - 650°C).
- Monolith and extrudate catalyst shapes, Fe-zeolite and CoO catalyst types from a variety of manufacturers
- N<sub>2</sub>O abatement combined with NO<sub>x</sub> abatement in a single vessel
- All-inclusive Design Services:
  - Selection of most suitable catalyst
  - Development of full Basic Engineering Design (BED) package
  - Design and supply of abator vessel
  - Design of ancillary exchangers such as tail gas interchanger, boiler, etc.
  - Development of conceptual layout including preliminary routing and pipe support system for high-temperature tail gas piping



## WHY KBR?

KBR's N<sub>2</sub>O Abatement system, which is tertiary abatement can remove up to 98.5% of the N<sub>2</sub>O content in the tail gas stream. The catalyst will be housed in a pressure vessel suitable for continuous operation.

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[technology@kbr.com](mailto:technology@kbr.com)

