



KBR NO_x

Customized abatement solutions for new and existing plants

NO_x emission from nitric acid plants not only contributes to formation of smog and occurrence of acid rain but also produces unsightly plumes from exhaust stacks.

Whether the clients goal is to maintain regulatory compliance or to uphold positive community relationships in an increasingly urbanized world, KBR stands to deliver a solution tailored to the plant's specific needs.

WHY KBR NO_x ABATEMENT?

KBR Technology ensures colorless tail gas stack during start-up and shutdown operation and our NO_x abatement can be combined with N₂O abatement in a single vessel.

KBR'S NO_x ABATEMENT OFFERINGS INCLUDE

- Extensive experience with industry standard Selective Catalytic Reduction (SCR) systems
- Experience with a wide range of catalyst manufacturers for best performance at the best price
- NO_x stack emissions as low as 5 ppm
- **Colorless stack emissions during start-up and shutdown**
- All-inclusive design services:
 - Selection of most suitable catalyst
 - Development of full Basic Engineering Design (BED) package
 - Design and supply of abator housing/vessel
 - Design of start-up heater
 - Conceptual layout including locations of housing/vessel, mixers and blower, as well as preliminary routing of piping/ductwork
- Designs suitable for a wide range of tail gas temperatures (i.e. 200°C - 650°C)



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