



# MATHESON

## Nanochem® GuardBed™

Manufactured for Nippon Sanso Matheson by  SulfaTrap™

## Turn-Key Desulfurization/Purification Solutions

Nippon Sanso Matheson can deliver turn-key systems for full-scale sulfur removal from both liquid and gas systems. Nippon Sanso Matheson and SulfaTrap engineers will size and design the system to be integrated into your system and application. The system will be fabricated to your specification and then installed and serviced. Nippon Sanso Matheson and SulfaTrap have produced lead-lag and single bed systems, with single valve bypass options with visual breakthrough sensors. The systems can be designed for both regenerable operation, or with expendable beds.



### TURN-KEY FEATURES

- Fuel Cell Systems
- Biogas Clean-up/Upgrading
- Distributed Hydrogen Plants
- Chemical Synthesis Plants
  - EO/EG synthesis
  - iC4 isomerization
- Gas Processing
- LNG/Natural Gas Oil/LPG
- Liquid Fuels
  - Bio-ethanol to diesel fuel



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