



Air loading of JM PURASPEC mercury absorbent

Gas producers have trusted and relied on **PURASPEC™** absorbents for their operations for over 30 years. Johnson Matthey has developed a high capacity mercury absorbent that can be loaded safely in air or an oxygen-containing atmosphere.

Safety

Removes the danger of nitrogen asphyxiation during the absorbent loading.

Flexibility

Gives the flexibility to load in air or plant nitrogen in accordance to plant specific operating and safety procedures.

Availability

Removes the requirement for high purity nitrogen/ liquid nitrogen in remote or offshore locations.

Cost

Negates the need to purchase excessive amounts of liquid nitrogen and contacting specialist catalyst handling crews.

Key benefits

- This latest PURASPEC product is proven to be inert towards self-heating making air/low oxygen purity nitrogen loading safe to perform
- Eliminating the requirement for high purity nitrogen during loading results in safer, easier operation both from logistics and cost perspective
- It retains its fast kinetics when exposed to air under accelerated conditions
- Other important features include inherent high mercury capacity and kinetics, and superior resistance towards water carry-over events.