

DURAGUARD S100

Offering solutions for Gas Processors for H₂S Removal

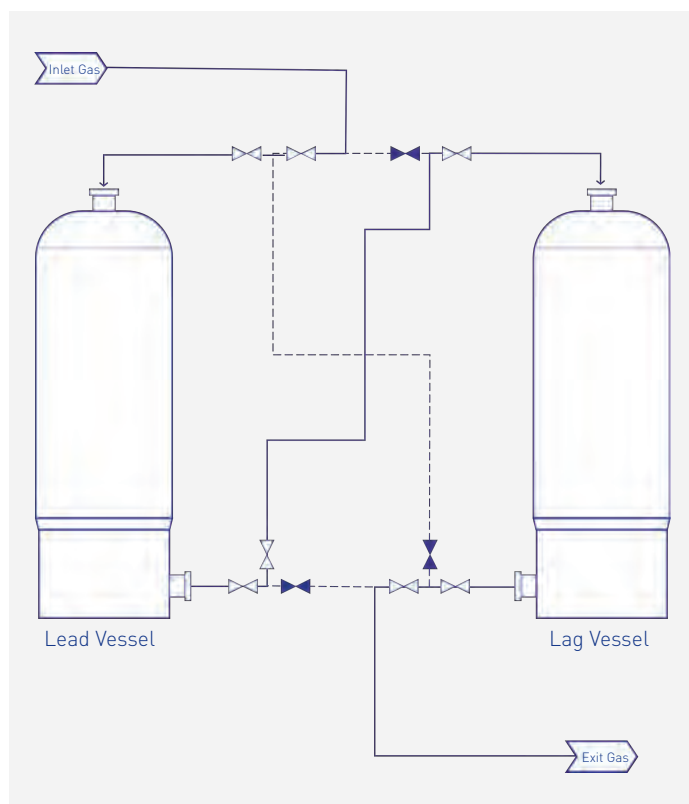


William Blythe has combined innovation in chemistry with our expertise in manufacturing technology to produce a high capacity absorbent for H₂S removal from hydrocarbon gas and liquid streams, offering unrivalled durability and performance to natural gas processing operators.

The **DURAGUARD S100 absorbent** is engineered to have enhanced porosity, resulting in a very high capacity for H₂S.

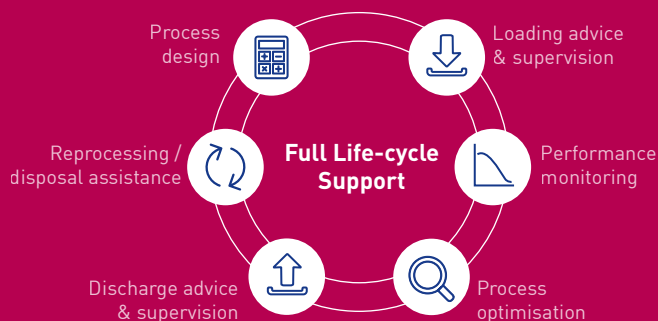
Operating benefits include impurity removal to very low levels. Product life depends on the amount of H₂S that passes through the bed, allowing for variations in the gas flow and impurity level. The sharp absorption profile means that single bed operation is possible. However, a lead-lag configuration offers the flexibility to change-out spent absorbent while the plant is on-line allowing continuous, uninterrupted operation.

Lead-Lag Vessel Operation



Reprocessing of spent DURAGUARD absorbent via **environmentally friendly** and **sustainable routes** can be managed by William Blythe, ensuring minimum environmental impact from the process.

We offer customers **a turnkey, full solution approach** comprising: technical support for the full life-cycle of the absorbent, providing designs for new beds, advice and supervision on loading and un-loading of absorbent, process optimisation during operation and the re-processing of spent absorbent.



WILLIAM BLYTHE IS A
MANUFACTURER OF INORGANIC
SPECIALITY CHEMICALS AND
ADVANCED MATERIALS.



With significant investment in product development and production infrastructure our business is committed to working in development partnerships with our clients.

Our ever expanding portfolio currently covers Iodine, Tin, Copper and Tungsten derivatives as well as derivatives of many other elements, for example Graphene Oxide.

Application areas that William Blythe focuses on are Catalysts, Coatings, Electronics, Life Sciences, Pigments, Polymer Additives, and others.

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William Blythe is a wholly owned
subsidiary of Synthomer PLC

