

Ref: Product Information Release - Functional Mass Flow Storage Systems

Functional Mass Flow Storage Systems

Tank Connection Affiliate Group (TCAG) offers all type of “functional mass flow” storage systems available for the storage of dry bulk materials. Based on a sample of your material tested on a Jenike Shear Tester, TCAG can design a “functional mass flow” storage system that will provide consistent, reliable performance in the field. And they back it with a performance guarantee.

A Common Mistake:

A common mistake released in today’s dry bulk “storage tank specifications” is to specify a mass flow tank design. If true mass flow is a requirement from the storage tank into your discharge stream, the correct parameter to specify is a “functional mass flow” storage system.

Understanding Mass Flow for Dry Bulk Materials:

- **Mass Flow for Dry Bulk** - Every particle is in some degree of motion during discharge. Stored product discharge is “first in/first out (FIFO). Mass flow minimizes segregation of product during discharge.
- **Mass Flow Storage System Design** – A storage tank design that will withstand mass flow discharge conditions if they occur. A mass flow design does not guarantee “functional” mass flow discharge from the tank.
- **Functional Mass Flow Storage System Design** – A storage tank design that guarantees the stored product will functionally mass flow during discharge.

For more information about Tank Connection, visit their website at www.tankconnection.com.

