Components

Silo Aeration modification

Conversion set for Claudius Peters Silos with mechanical air distribution systems

Claudius Peters Silos of former construction types have been equipped with an air distributing system with motorized rotating distributor. Modern Claudius Peters Silo Aeration bottoms are equipped with air distribution systems controlled by electro-pneumatically actuated intermediate flaps with position indication.

Negative characteristic

- Leakage air during the switching-over procedure
- Only fixed aeration cycles possible
- No individual and separate operation possible
- Mechanical distribution system leads to wear due to rotating parts

Positive characteristic

- No leakage air during the switching-over procedure.
- Easy replacement of flaps
- Aeration sequences can be adapted to the operating conditions by a PLC System
- Process control is completely mounted and programmed in the switchboard.
- Separate program for the residual discharge

Customer Benefits

- High operation flexibility
- High plant reliability
- Less wear parts

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Silo Aeration modification

Conversion SET for Claudius Peters Silos with porous plates for Silo aeration

Claudius Peters Silos of former construction types have been equipped with porous plates for material fluidization.

All modern Claudius Peters Silos are equipped with aeration bottoms completely covered with open airslides, which are radially arranged and aerated in sections. Economic operation is ensured by a control system.

Claudius Peters has realized a lot of modifications of these existing “OLD STYLED” silo types.

Silos of older construction types can easily and efficiently be modernized by means of pneumatic air distribution and a flap control.

Advantages

- Reduction of maintenance time due to simple replacement of aeration fabric
- High operation reliability
- Reduction of maintenance costs
- Aeration sequences can be adapted to the operating conditions by a PLC system
- Process control is completely mounted and programmed in the switchboard
- Separate program for the residual discharge