



Proper Slide Gate Design Eliminates Potential Process Problems

Question

At my processing plant, slide gates are used to divert bulk material flow to various processes and in our truck load out area. Some of the slide gates we have work well while others are a constant maintenance problem. Do you have a set of questions or a worksheet for slide gates that will help me gather the right information for a design review?

Answer

The KWS Slide Gate Design Worksheet is all you need to gather the critical application information required. Proper slide gate selection depends on understanding the bulk material characteristics, headload conditions, inlet and outlet dimensions, mounting orientation, operating environment, and actuation requirements.

Resources are available at www.kwsmfg.com/forms-and-downloads/. The KWS Slide Gate Design Worksheet is an easy, fill-in-the-blanks form for recording key material properties and system information. The form can be filled out manually or electronically and sent to KWS.

Once the worksheet is submitted, our engineering team will review the application and develop a technically sound, reliable, and cost-effective slide gate solution. This structured approach ensures proper sealing, dependable operation, and long service life in demanding bulk material handling applications.



Critical Information is Gathered for a Successful Application



Slide Gates are Commonly Located in Truck Loadout Areas



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