



Loading Case Study

www.vortexglobal.com

LOADING SPOUT

SIZE: 16" (406 mm)

HANDLING: Distillers Dry Grain

LOCATION: Ethanol Plant
Central United States

FEATURES: Two tube-in-tube Vortex retractable loading spouts were ordered for this application. The spouts extend 30' (9.1 m) from the fully retracted position in the ceiling to the building floor. They were equipped with discharge skirts and tilt probes.

APPLICATION: The purpose of the spouts is to mitigate air borne particles within the structure. Dust created from material free falling through an open tube made the environment intolerable.

Now, as the pile grows, the skirt flares outward eventually tripping a tilt probe that signals a control panel to retract the spout slightly upward. This happens many times as the material pile grows. The skirt always maintains contact with the growing pile, encompassing the dust and not allowing it to escape to atmosphere.

REF #: V141259

