



Bulk Bag Filling System

Application / Equipment Details:

- NBE CSO: E402340015
- Material: Refined Carbon Filter Cake
- Bulk Density: 47.5 PCF
- Particle Size: 5 – 15 microns with some lumps
- Surge Bin Volume: 200 cu.ft.

Application Overview: The customer required three (3) single-loop cantilever bulk bag filling systems (with a future fourth) for filling refined carbon filter cake from filter presses conveyed through a customer supplied radial stacker with a discharge height of 43.5' that would gravity feed into any of one of three surge bins through chutes and gravity pivoting diverter valves. The surge bins would gravity feed into the single-loop cantilever fillers. The surge bins were equipped with integral dust collection, live bottom bin activators to promote flow out of the surge bins, and Cv Technology explosion mitigation system since the refined carbon filter cake had a high Kst value. Each single loop cantilever bulk bag filling system was equipped with a single loop bag support hook, custom fill head assembly to adapt to the single loop bag, inlet valve, densification bag pre-inflation, and integral powered roller conveyor. The single loop cantilever bulk bag filling system also included a common pallet dispenser, turn tables, infeed, and accumulation powered roller conveyors to meet the customer layout requirements.

Real Results APPLICATION OVERVIEW



