

B. W. SINCLAIR INFORMATION UPDATE

MODULAR STORAGE CLUSTER BECOMES CENTERPIECE OF PROCESS FLOW

The SINCLAIR line of Square or Cylindrical Storage Hoppers can be used individually or in clusters to satisfy a client's process requirements.

A Western company has installed BWSi hoppers in a three-bin module, complete with material handling accessories, to store and feed water-soluble polymer pellets in their soil beneficiation research and development facility.

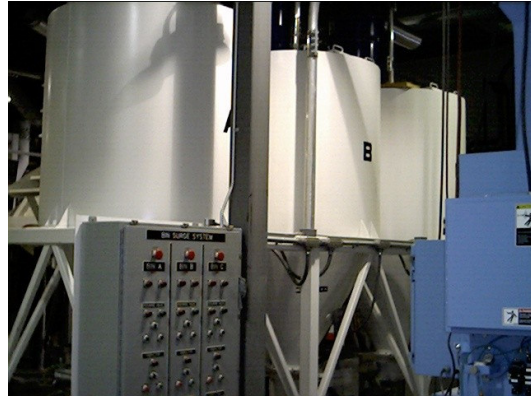


The mild steel, enamel-coated Model 6060C Cylindrical Hoppers share a common tubular steel support structure. The tangential inlets receive product from pneumatic fill lines, and top-mounted Torit-Day TD-162™ filter receivers provide dust control. The hopper level and fill sequence instruments are Thermo-Ramsey Model RT-RC-RP1™ paddle-type indicators (high and low level).



The 60° discharge cones feature a bolted manway and are flanged to Salina-Vortex

Model BA-12-MG™ Orifice Gate Valves for isolation and flow control. A fabricated transition piece below these valves connects to the client's K-Tron USA vacuum conveying system.



Although the fine granules are classified as free flowing, a Vibco Model BVS-250™ pneumatic turbine vibrator on each conical section furnishes additional flow stimulation.



SINCLAIR also provided a NEMA-12 analog control panel complete with interlocks, relays, and timers for all components. Status indicator lights and emergency stop circuitry for each hopper are included.

Contact SINCLAIR or your local representative for assistance in the design of storage and feed systems.

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