

CH032: Flow of Solids in Bins, Hoppers, Chutes, and Feeders

Day 1

8:00	-	8:30:	Registration
8:30	-	10:00:	Bulk solids handling fundamentals
10:00	-	10:15:	Break
10:15	-	12:00:	Flow patterns in bins and hoppers; bulk solids flow testing
12:00	-	1:00:	Lunch
1:00	-	3:00:	Flow properties and hopper design/troubleshooting
3:00	-	3:15:	Break
3:15	-	5:00:	Bulk solids feeders – screws, belts, rotary valves

Day 2

8:30	-	10:00:	Fine powder handling phenomena
10:00	-	10:15:	Break
10:15	-	12:00:	Review of flow properties test report; silo design example
12:00	-	1:00:	Lunch
1:00	-	3:00:	Common segregation mechanisms for powders and solids
3:00	-	3:15:	Break
3:15	-	5:00:	Flow aid devices; transfer chute design