



ROTARY FEEDER APPLICATION DATA



CUSTOMER: _____

DATE: _____

PNEUMATIC CONVEYING SYSTEMS AND COMPONENTS

FUNCTION OF VALVE	MATERIAL CHARACTERISTICS
<input type="checkbox"/> AIRLOCK ONLY: MINIMIZES SYSTEM AIR LOSS WHILE ALLOWING THE TRANSFER	COMMON NAME: _____
<input type="checkbox"/> FEEDER ONLY: REGULATES THE CONTINUOUS FLOW OF MATERIAL BETWEEN VESSELS SHARING THE SAME PRESSURE	CHEMICAL FORMULA: _____
<input type="checkbox"/> AIRLOCK - FEEDER: MINIMIZES SYSTEM AIR LOSS WHILE REGULATING THE FLOW OF MATERIAL BETWEEN VESSELS WITH DIFFERING PRESSURE	BULK DENSITY, AERATED: _____ Lbs./Cu. Ft. BULK DENSITY, SETTLED: _____ Lbs./Cu. Ft.
CONDITIONS ABOVE VALVE	MAXIMUM PARTICLE SHAPE: _____ PARTICLE TYPE/SHAPE IS:
VALVE IS INSTALLED BENEATH:	<input type="checkbox"/> PELLET <input type="checkbox"/> POWDER <input type="checkbox"/> CHIP <input type="checkbox"/> LUMP <input type="checkbox"/> GRANULAR <input type="checkbox"/> FLAKE <input type="checkbox"/> CURL <input type="checkbox"/> FIBROUS
<input type="checkbox"/> HOPPER <input type="checkbox"/> SILO <input type="checkbox"/> BAGHOUSE <input type="checkbox"/> CYCLONE <input type="checkbox"/> FLTR. RCVR. <input type="checkbox"/> SCREW <input type="checkbox"/> SHREDDER <input type="checkbox"/> DRYER <input type="checkbox"/> MIXER <input type="checkbox"/> OTHER _____	MESH SIZE - ANGLE OF REPOSE IS: _____ DEG _____ % THRU 1/2" _____ % THRU 1/4" _____ % THRU 1/8" _____ % THRU 1/16" _____ % THRU 25 _____ % THRU 50 _____ % THRU 100 _____ % THRU 200 _____ % THRU 400
PRESSURE ABOVE VALVE IS:	FLOWABILITY: <input type="checkbox"/> EXTREME <input type="checkbox"/> MODERATE <input type="checkbox"/> SLUGGISH
<input type="checkbox"/> POSITIVE <input type="checkbox"/> NEGATIVE <input type="checkbox"/> ATMOSPHERIC _____ PSI _____ "Hg _____ "H2O	MOISTURE CONTENT OF MATERIAL IS: _____ % TEMPERATURE OF MATERIAL IS: _____ DEG
TEMPERATURE ABOVE VALVE IS: _____ DEG F IS VALVE CHOKE FED? <input type="checkbox"/> YES <input type="checkbox"/> NO	SPECIAL CHARACTERISTICS
HUMIDITY IS: <input type="checkbox"/> HIGH <input type="checkbox"/> AVERAGE <input type="checkbox"/> LOW	<input type="checkbox"/> HYGROSCOPIC <input type="checkbox"/> CORROSIVE - REACTIVE <input type="checkbox"/> EXPLOSIVE <input type="checkbox"/> TOXIC - EMITS FUMES <input type="checkbox"/> STICKY - SMEARS <input type="checkbox"/> HEAT SENSITIVE <input type="checkbox"/> FOOD GRADE <input type="checkbox"/> AERATES - DUSTY <input type="checkbox"/> PHARMACEUTICAL <input type="checkbox"/> TENDS TO PACK <input type="checkbox"/> OTHER _____
CONDITIONS BELOW VALVE	ABRASIVENESS: <input type="checkbox"/> EXTREME <input type="checkbox"/> MODERATE <input type="checkbox"/> MILD ALLOWABLE MATERIAL DEGRADATION IS: _____ %
VALVE IS INSTALLED ABOVE:	COMMENTS: _____ _____
<input type="checkbox"/> HOPPER <input type="checkbox"/> SCREW <input type="checkbox"/> AIRSLIDE <input type="checkbox"/> BELT <input type="checkbox"/> CHUTE <input type="checkbox"/> MIXER <input type="checkbox"/> TANK <input type="checkbox"/> VAC. LINE <input type="checkbox"/> PRESS. LINE <input type="checkbox"/> OTHER _____	OPERATING CONDITIONS
PRESSURE BENEATH VALVE IS:	CONSTANT RATE OF FLOW PER HOUR: _____ Tons _____ Lbs. _____ Cu. Ft.
<input type="checkbox"/> POSITIVE <input type="checkbox"/> NEGATIVE <input type="checkbox"/> ATMOSPHERIC _____ PSI _____ "Hg _____ "H2O	VARIABLE FEED RATE (IF REQUIRED) MAX: _____ AVG: _____ MIN: _____
TEMPERATURE BENEATH VALVE IS: _____ DEG F DIAMETER OF CONVEYING LINE IS: _____	DUTY CYCLE: <input type="checkbox"/> CONTINUOUS <input type="checkbox"/> INTERMITTENT
HUMIDITY IS: <input type="checkbox"/> HIGH <input type="checkbox"/> AVERAGE <input type="checkbox"/> LOW	COMMENTS: _____ _____

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