



Engineering and Manufacturing Facility

Dust Control and Loading Systems, Inc.

Sales, Research and Development

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VALVE APPLICATION DATA SHEET

DATE: \_\_\_/\_\_\_/\_\_\_ DCL ORDER #: \_\_\_\_\_
COMPANY: \_\_\_\_\_ FAX #: \_\_\_\_\_
ADDRESS: \_\_\_\_\_
CITY: \_\_\_\_\_ STATE/PROV: \_\_\_\_\_ ZIP/POSTAL CODE: \_\_\_\_\_ COUNTRY: \_\_\_\_\_
SHIP TO: \_\_\_\_\_
CONTACT: \_\_\_\_\_ PHONE #: \_\_\_\_\_ EXT: \_\_\_\_\_
END USER: \_\_\_\_\_ DCL REP: \_\_\_\_\_ SALESPERSON: \_\_\_\_\_
REFERENCE/TAG #: \_\_\_\_\_

MATERIAL PHYSICAL PROPERTIES

PRODUCT HANDLED: \_\_\_\_\_ AMBIENT TEMP: \_\_\_\_\_ MAX TEMP: \_\_\_\_\_
BULK DENSITY: \_\_\_\_\_ ABRASIVENESS: VERY: [ ] MOD: [ ] MILD: [ ] NOT: [ ]
PARTICLE SIZE RANGE: \_\_\_\_\_ FLOW ABILITY: GOOD: [ ] POOR: [ ] PACKS: [ ] BRIDGES: [ ]
MOISTURE %: \_\_\_\_\_ FLOW RATE: \_\_\_\_\_ CORROSIVENESS: VERY: [ ] MOD: [ ] MILD: [ ] NOT: [ ]

OPERATION PARAMETERS

VALVE FUNCTION: \_\_\_\_\_
EQUIPMENT ABOVE VALVE: \_\_\_\_\_ DUST ENCLOSURE TYPE: \_\_\_\_\_
PRESSURE/VACUUM ABOVE VALVE: \_\_\_\_\_ CUT STANDING COLUMN OF MATERIAL: YES: [ ] NO: [ ]
EQUIPMENT BELOW VALVE: \_\_\_\_\_ DIVERTER CONFIG: OFFSET ANGLE: \_\_\_\_\_ INCL ANGLE: \_\_\_\_\_
PRESSURE/VACUUM BELOW VALVE: \_\_\_\_\_ HEAD OF MATERIAL ABOVE GATE: \_\_\_\_\_
OVERALL HEIGHT AVAILABLE: \_\_\_\_\_ SPECIAL REQUIREMENTS: \_\_\_\_\_

VALVE CONSTRUCTION

VALVE DESCRIPTION/MODEL: \_\_\_\_\_ QUANTITY: \_\_\_\_\_
MATERIAL OF CONSTRUCTION: \_\_\_\_\_ BLADE: [ ] FLOW SURF: [ ] ALL INTERNALS: [ ] COMPLETE: [ ]
LINERS MATERIAL OF CONSTRUCTION: \_\_\_\_\_ BLADE: [ ] FLOW SURF: [ ] THICKNESS: \_\_\_\_\_
SEALS REQUIRED: YES: [ ] NO: [ ] SEAL TYPE: \_\_\_\_\_ NOMINAL INLET SIZE: \_\_\_ X \_\_\_ DIR OF BLADE TRAVEL: \_\_\_\_\_

ACTUATORS

ACTUATOR TYPE: \_\_\_\_\_ PNEUMATIC PSI: \_\_\_\_\_ HYDRAULIC PSI: \_\_\_\_\_ HYDRAULIC GPM: \_\_\_\_\_
SPECIAL ACTUATOR: YES: [ ] NO: [ ] MANUFACTURE: \_\_\_\_\_ [ ] CLASS: I: [ ] II: [ ] DIV: I: [ ] II: [ ] GROUP: \_\_\_\_\_
VOLTS/PH/HZ: \_\_\_/\_\_\_/\_\_\_ SPEED OF ACTUATION: \_\_\_\_\_ FREQUENCY OF USE (STROKES/MIN): \_\_\_\_\_
CONTROL VALVES: YES: [ ] NO: [ ] QTY: (\_\_\_) 1 COIL/2 POS QTY: (\_\_\_) 2 COIL/2 POS QTY: (\_\_\_) 2 COIL/3 POS NEMA: \_\_\_\_\_
LIMIT SWITCHES: YES [ ] NO: [ ] QTY: (\_\_\_) SPDT: [ ] DPDT: [ ] CYLINDER MOUNTED: YES: [ ] NO: [ ] NEMA: \_\_\_\_\_
PROXIMITY SWITCHES: YES: [ ] NO: [ ] QTY: (\_\_\_) SPDT: [ ] DPDT: [ ]

SPECIAL CONSTRUCTION

SPECIAL PAINT: YES: [ ] NO: [ ] NON-STD ACTUATOR LOCATION: YES: [ ] NO: [ ]
STD CONNECTION FLANGE: YES: [ ] NO: [ ] APPROVAL DRAWINGS REQ: YES: [ ] NO: [ ]

ATTACH ANY SPECIFICATIONS AND/OR NOTE NON-STANDARD ITEMS IN THE COMMENT SECTION BELOW.

COMMENTS OR ADDITIONAL SPECIFICATIONS: \_\_\_\_\_
\_\_\_\_\_
\_\_\_\_\_
\_\_\_\_\_
\_\_\_\_\_

QUOTE: BUDGET: [ ] BUY: [ ] QUOTE REQUIRED: \_\_\_/\_\_\_/\_\_\_ PO #: \_\_\_\_\_ PO DATE: \_\_\_/\_\_\_/\_\_\_

DELIVERY REQUIRED: \_\_\_/\_\_\_/\_\_\_ CUSTOMER SIGNATURE: \_\_\_\_\_