

Engineering and  
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Sales, Research &  
Development Facility

940 Petoskey Ave.  
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GATE & DIVERTER APPLICATION  
DATA FORM

DATE \_\_\_\_\_  
COMPANY \_\_\_\_\_ FAX# \_\_\_\_\_  
ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
SHIP TO \_\_\_\_\_  
CONTACT \_\_\_\_\_ PHONE# \_\_\_\_\_ EXT. \_\_\_\_\_  
END USER \_\_\_\_\_ REP. CO. \_\_\_\_\_ SALESPERSON \_\_\_\_\_  
REFERENCE/TAG# \_\_\_\_\_

MATERIAL PHYSICAL PROPERTIES:

MATERIAL \_\_\_\_\_ DESIGN TEMP. \_\_\_\_\_ AMBIENT TEMP. \_\_\_\_\_  
BULK DENSITY \_\_\_\_\_ ABRASIVENESS: VERY \_\_\_\_\_ MOD. \_\_\_\_\_ MILD \_\_\_\_\_ NOT \_\_\_\_\_  
PARTICLE SIZE RANGE \_\_\_\_\_ FLOWABILITY: GOOD \_\_\_\_\_ POOR \_\_\_\_\_ PACKS \_\_\_\_\_ BRIDGES \_\_\_\_\_  
MOISTURE% \_\_\_\_\_ FLOW RATE \_\_\_\_\_ CORROSIVENESS: VERY \_\_\_\_\_ MOD. \_\_\_\_\_ MILD \_\_\_\_\_ NOT \_\_\_\_\_

OPERATION PARAMETERS:

GATE FUNCTION \_\_\_\_\_  
EQUIPMENT ABOVE GATE \_\_\_\_\_ DUST ENCLOSURE TYPE \_\_\_\_\_  
PRESS/VAC. ABOVE GATE \_\_\_\_\_ CUT STANDING COLUMN OF MATERIAL: Y \_\_\_\_\_ N \_\_\_\_\_  
EQUIPMENT BELOW GATE \_\_\_\_\_ DIVERTER CONFIG.: OFFSET ANGLE \_\_\_\_\_ INCL. ANGLE \_\_\_\_\_  
PRESS/VAC. BELOW GATE \_\_\_\_\_ HEAD OF MATERIAL ABOVE GATE \_\_\_\_\_  
OVERALL HEIGHT AVAILABLE \_\_\_\_\_ SPECIAL REQUIREMENTS: \_\_\_\_\_

GATE CONSTRUCTION:

GATE DESCRIPTION/MODEL \_\_\_\_\_ QUANTITY \_\_\_\_\_  
MATERIAL OF CONSTRUCTION \_\_\_\_\_ BLADE \_\_\_\_\_ FLOW SURF. \_\_\_\_\_ ALL INTERNALS \_\_\_\_\_ COMPLETE \_\_\_\_\_  
LINER MATERIAL OF CONSTRUCTION \_\_\_\_\_ BLADE \_\_\_\_\_ FLOW SURF. \_\_\_\_\_ THICKNESS \_\_\_\_\_  
SEALS REQ'D: Y \_\_\_\_\_ N \_\_\_\_\_ SEAL TYPE \_\_\_\_\_ NOMINAL INLET SIZE \_\_\_\_\_ X \_\_\_\_\_ DIRECTION OF BLADE TRAVEL \_\_\_\_\_

ACTUATORS:

ACTUATOR TYPE: \_\_\_\_\_ PNEU. PRESS \_\_\_\_\_ HYD. PRESS \_\_\_\_\_ HYD. GPM \_\_\_\_\_  
SPECIAL ACT. Y \_\_\_\_\_ N \_\_\_\_\_ ACT. MFG. \_\_\_\_\_ CLASS 1/11; DIVISION 1/11; GROUP \_\_\_\_\_ VOLTS/PH/HZ: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
SPEED OF ACTUATION \_\_\_\_\_ FREQUENCY OF USE (# OF ACT./UNIT OF TIME) \_\_\_\_\_  
CONTROL VALVE(S) Y \_\_\_\_\_ N \_\_\_\_\_ QTY. ( ) 1 COIL/2 POS. QTY. ( ) 2 COIL/2 POS. QTY. ( ) 2 COIL/3 POS. NEHA \_\_\_\_\_  
LIMIT SWITCHES Y \_\_\_\_\_ N \_\_\_\_\_ QTY. ( ) SPDT \_\_\_\_\_ DPDT \_\_\_\_\_ CYLINDER MOUNTED Y \_\_\_\_\_ N \_\_\_\_\_ NEHA \_\_\_\_\_  
PROXIMITY SWITCHES Y \_\_\_\_\_ N \_\_\_\_\_ QTY. ( ) SPDT \_\_\_\_\_ DPDT \_\_\_\_\_

SPECIAL CONSTRUCTION:

SPECIAL PAINT: Y \_\_\_\_\_ N \_\_\_\_\_ NON-STANDARD ACTUATOR LOCATION: Y \_\_\_\_\_ N \_\_\_\_\_  
STD. CON. FLANGE: Y \_\_\_\_\_ N \_\_\_\_\_ APPROVAL DRAWINGS REQUIRED: Y \_\_\_\_\_ N \_\_\_\_\_

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

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

QUOTE: BUDGET \_\_\_\_\_ BUY \_\_\_\_\_ QUOTE REQ'D: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
PO# \_\_\_\_\_ P.O. DATE: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
CUSTOMER SIGNATURE \_\_\_\_\_ FOLLOW-UP DATE: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
DELIVERY REQUIRED: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
CUSTOMER DATE: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

THIS FORM MUST BE COMPLETED PRIOR TO PROCESSING ANY ORDER!!!

November 20, 1990.

Dust Control and Loading Systems  
PO Box 125, Columbus, Michigan 48906