



**Engineering and
Manufacturing Facility**

Dust Control and Loading Systems, Inc.

**Sales, Research and
Development**

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SPOUT 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: _____

HYGROSCOPIC: ☐ CONTAMINABLE: ☐ CORROSIVE: ☐ ABRASIVE: ☐

PARTICLE SIZE RANGE: _____ BULK DENSITY: _____

LOADING CAPACITY RANGE: _____

PRODUCT IS: NON DUSTY: ☐ FAIRLY DUSTY: ☐ EXTREMELY DUSTY: ☐

TYPE OF FEED TO SPOUT

BELT CONVEYOR: ☐ SCREW CONVEYOR: ☐ AERATION CONVEYOR: ☐ HOPPER/SILO: ☐ OTHER/SPECIFY: _____

TYPE OF PRODUCT FEED CONTROL

CLAM SHELL GATE: ☐ SLIDE GATE: ☐ ROTARY VALVE: ☐ OTHER/SPECIFY: _____

TYPE OF LOADING

OPEN TRUCK / CROSS BRACING: ☐ CENTER SLOTTED RAILCAR: ☐ OPEN TRUCK: ☐ OPEN STACKING: ☐ ENCLOSED TRUCK: ☐

ENCLOSED SHIP LOADING: ☐ OPEN SHIP LOADING: ☐ OPEN RAILCAR: ☐ ENCLOSED RAILCAR: ☐ BAG/DRUM FILLING: ☐

OTHER/SPECIFY: _____

ENCLOSE PHOTOS, DRAWINGS, SKETCHS, NUMBER, SIZE & LOCATION OF HATCHES, ENCLOSED VEHICLES ONLY.

LOADING CONTROL METHOD

WEIGH-SCALE: ☐ LEVEL PROBES: ☐ WEIGH-HOPPER: ☐ BATCH: ☐ OTHER/SPECIFY: _____

POWER SUPPLY AVAILABLE

VOLTS: _____ CYCLE: _____ PHASE: _____

ELECTRICAL COMPONENTS: X PROOF: ☐ NEMA 4: ☐ NEMA 4X: ☐ NEMA 12: ☐ CLASS: I: ☐ II: ☐ DIV: I: ☐ II: ☐ GROUP: _____

CONTROL VOLTAGE: _____ 115AC STANDARD: ☐ OTHER: _____

ASPIRATION AIR AVAILABLE

YES: ☐ NO: ☐ IF YES HOW MUCH CFM? _____

IS THERE AERATION INTO THE SYSTEM? YES: ☐ NO: ☐ IF YES HOW MUCH CFM? _____

SPECIAL CONSTRUCTION

ABRASIVE RESISTANT: ☐ STAINLESS STEEL: ☐ ALUMINUM: ☐ SPECIAL PAINT: ☐ OTHER/SPECIFY: _____

PLEASE PROVIDE ACCURATE DIMENSIONS WITH DRAWINGS, SKETCHES, OR PHOTOGRAPHS OF PROPOSED INSTALLATION.

1. HEIGHT FROM GRADE TO MOUNTING POINT OF SPOUT: _____ TRAVEL REQUIRED: _____

2. RETRACTED HEIGHT OF SPOUT: _____

3. HEIGHT OF VEHICLE OR VESSEL RANGE: _____

4. CLEARANCE HEIGHT REQUIRED UNDER SPOUT WHEN RETRACTED: _____

5. DISTANCE FROM DISCHARGE POINT TO HATCH OPENING ON ENCLOSED TRUCK, RAILCAR, VESSEL: _____

6. OPEN TYPE LOADING: MAX DISTANCE FROM DISCHARGE POINT TO BE OF LOWEST VEHICLE OR VESSEL: _____

7. CAN TRUCK, RAILCAR OR VESSEL BE ACCURATELY POSITIONED UNDER SPOUT DISCHARGE POINT: _____

QUOTE: BUDGET: ☐ BUY: ☐ QUOTE REQUIRED: ____/____/____ PO #: _____ PO DATE: ____/____/____

DELIVERY REQUIRED: ____/____/____ CUSTOMER SIGNATURE: _____