



USA Office
14250 Judicial Road
Burnsville, MN 55306

P: 651-272-2950
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MSA Magnetic Separator Questionnaire

Company: _____

Contact: _____ Phone Number: _____

Email: _____

Type of Plant: _____

Conveyor:

Belt Width: _____ Speed: _____ Head Pulley Diameter: _____

Check One: Flat Incline angle: _____ Trough Degree: _____

Trough

Conveyed Product:

Description: _____

Max Lump Size: _____ Bulk Density: _____

Burden Depth: _____ Rate per Hour: _____

Tramp Metal:

Description: _____

Minimum Size to be Removed: _____

Preferred location of Magnet (check one) Overhead Pulley Cross-belt

Will Magnet be Located Near Heavy Metal Objects? (e.g. hoppers, crushers, feeders) Yes No

Check One: Self-Cleaning Manual Cleaning

Power Supply: _____ VAC Phase: _____ Frequency

If Applicable, are Permanent Magnets Acceptable? _____

Special Requirements:	Stainless Steel Cubicle:	YES	NO	Catenary System:	YES	NO
	Motorized Trolley:	YES	NO	Removeable Guard's	YES	NO
	Others:	YES	NO			



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Overhead Separator Specification Sheet

Type of material the tramp is being extracted from: _____

Type of material the tramp iron is being extracted from (check below)

Wet Damp Dry Other

Hourly volume/flow rate (cubic feet per hour/tons per hour): _____

Type of tramp iron: _____

Size of tramp iron: MINIMUM: _____ MAXIMUM: _____

% Moisture: _____

Width of conveyor: _____

Degree of troughing idler: _____

Maximum conveyor depth: _____

Speed of Conveyor (FPM): _____

Shape of tramp iron (please check)

Hex Nut Rod Cube Plate Sphere

Maximum lump size: _____

Degree incline of conveyor: _____

Diameter of head pulley: _____

Type of unit desired (check one)

Rectangular only Incline Automatic: Crossbelt automatic

Mounting position (check one)

Inclined over pulley Parallel over belt