



Tramp Metal Detection System Application Analysis Form

Send back to us: rmtservice@rmtequip.com

Processing plant _____
Address _____
City _____ State _____ Zip Code _____
Contact person _____ Title _____ Phone _____

Material :

Processed material _____ Size _____ x _____
Capacity (TPH) _____ ☐ Magnetic ☐ Conductive
Average burden depth _____ Maximum burden depth _____

Tramp :

Trouble size _____ x _____ x _____
Specify minimum catch size _____ x _____ x _____

Belt :

Belt width _____ Core: ☐ Fabric ☐ Steel
Belt speed _____ ☐ Fixed ☐ Variable
Average coast distance _____ Traverse distance (max.) _____
Metal splices or repair clips used ? ☐ Yes ☐ No
Skirts used ? ☐ Yes Material : _____ ☐ No

General :

Power : ☐ 115 VAC ☐ 230 VAC ☐ Other
_____ Phase _____ Hertz

Variation maximum/Minimum voltages _____

Detector location :

Detection coils station : ☐ Indoors ☐ Outdoors ☐ Underground

Controller enclosure : ☐ _____ ☐ Outdoors ☐ Underground

Required cable length between coils and controller (25ft. provided) _____

NEMA Requirements (NEMA 12 standard; other optional)

Class _____ Division _____ Group (s) _____



Conveyor

Idler Manufacturer _____

Model or type _____

Idler spacing _____ inches

Trough angle _____ degrees

Roll diameter _____ ☐ Equal rolls

☐ Unequal rolls

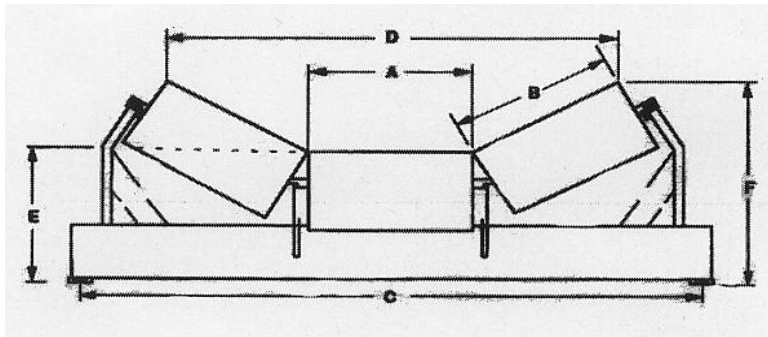
Type of frame ☐ Cable

☐ Rigid

☐ Covered ☐ Open

Incline

degrees



A = _____

B = _____

C = _____

D = _____

E = _____

F = _____

Optional equipment requirements :

- ☐ Backlit LCD, Model #4095
- ☐ Splice detector inductance coil, Model #2050 or #2055
- ☐ Coast alarm, Model #1030
- ☐ Long bar detector, Model #1040
- ☐ Metal marker - Flag drop Model #2075
- ☐ Metal marker - Pneumatic/liquid Model #3025
- ☐ Remote reset - Model #2200 or #2230
- ☐ Alarm horn - 120 DB Model #3010
- ☐ Rotating alarm Beacon Model #3015 (blue or am
- ☐ Shift register Model #1050
- ☐ Single-unit coil system Model #2060
- ☐ Extra cable _____ feet
- ☐ Other _____

Signature

Date