

QUESTIONNAIRE Industrial Metal Detectors

DATE: _____

* NAME: _____ POSITION _____

* BUSINESS NAME: _____

* ADDRESS: _____

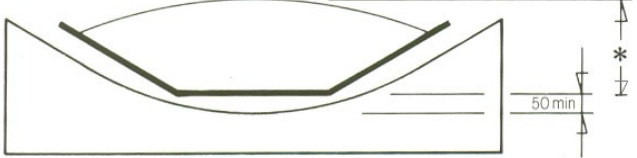
* PHONE: _____ FAX: _____

* EMAIL: _____ MOBILE: _____

INSTALLATION DETAILS:

1. Conveyor Number / Reference _____
2. Conveyor Belt Width _____ mm Trough Angle _____ Deg. Belt Speed _____ mps
3. Product Type _____ Product Depth on Belt (Refer * below) _____ mm (max)
4. Is the conveyed material electrically conductive or magnetic(i.e. contains Fe) _____ (Y / N) If unknown please provide a 2kg sample for testing.
5. Minimum tramp metal size to be detected _____ Ømm
6. Location Above Ground _____(Y / N) Underground _____ (Y / N)
7. Belt Type (1) Standard Rubber _____ (Y / N) (2) Rubber - Steel cord _____ (Y / N)
8. Belt Splice Vulcanised _____ (Y / N) Mechanical _____ (Y / N)
9. Power (control) 110V 1Phase 50/60HZ _____ (Y/N) 240V 1Phase 50/60HZ _____ (Y/N)

“DETEC” METAL DETECTOR SYSTEM REQUIREMENTS

STANDARD SUPPLY SPECIFICATION	YES	NO	OPTIONS	YES	NO
Controller-cubicle (powder coated - grey RAL 7032)			Cubicle Stainless Steel IP66		
			Cubicle Dust Ignition Proof (DIP)		
Visual Red Lamp - Alarm (standard)			Strobe Light Red Alarm		
Manual Reset (following metal detection)			Auto Reset (when operating external rejection equipment such as sweep arm, bypass gate)		
Support Frame Mild Steel (painted Black Satin - RAL 9004)			Support Frame - galvanised		
			Support Frame - stainless steel		
Sensor Heads - (aluminium housing painted Hawthorn Green-RAL 6028)			ACCESSORIES		
			Metal Marking System – (** - Choose one.)		
Signalling Direct Control (i.e. Metal Detector to directly switch off Conveyor Drive Motor) OR Signal via PLC Control			**Flag Marker		
			**Chain Marker (DIP)		
			**Liquid Dye Marker		
			**Pellet Marker		
			Diagnostic Option		
			Trip Counter		
			Audible Alarm (siren)		
			Belt Splice Detector (for conveyor belts joined by mechanical fasteners or for steel cord belts)		

Is a Remote Location of Control Panel from Sensor Head Required? (if yes, _____ metres)
Any special requirements? If yes provide details.

SIGNED _____