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Your local STEINERT consultant:

## Tramp Metal detection solutions

STEINERT Sentinel Series detectors finds contaminant not wanted  
– innovative, proven, cost-effective.



Let our technology  
seek out the  
tramp metals

[www.steinert.com.au](http://www.steinert.com.au)

## Sentinel Series tramp metal detectors

Detection for tramp in ores, aggregates, coal, rubber, iron pellets, wood chips and more transported on standard and steel core conveyor belts

Even highly mineralised ore has a much lower conductivity than refined metal. Therefore, both magnetic and non-magnetic metals are efficiently detected while so-called product effects are virtually eliminated.

The pulsed induction technique intensifies the generated electromagnetic field for very short time intervals. Measurements are taken many hundreds of times a second during the concentrated energy pulse which provides a very high signal-to-noise ratio without the heating and stress of the conventional continuous wave method.

### Features of our detectors:

**Ease of set up and use** - complete programming, including setting for alarm delay, alarm duration, sensitivity scale factor and splice detector duration and threshold, is accomplished by turning dials on the control panel.

**Reliable operation** - solid-state IC's ensure long operating life and trouble-free service. Circuitry has been designed for automatic splice protection (ASP). Resident diagnostic monitor uses LED's to indicate the operation status of the circuit.

**Durability** - coil units are made of monolithic, high-impact resistant fibreglass (reinforced) to withstand damage even by frost chunks or other types of over-capacity loads. The rigid framing and other system components are made to stand up under the harshest conditions. Steinert detectors are built so well they come with a 3 year parts and labour warranty protection from manufacturing defects.

**Convenient repair** - relays and circuit models are field replaceable.



'You can always get what you want'

**STEINERT** 