

Information about the Applicant

Company Name	Whites Electronics, Inc.
Grantee	Thomas V. Scrivner
Address	1011 Pleasant Valley Drive
City, State, Zip	Sweet Home, OR 97386
Job Number	WHIT0025
Model	Matrix 100
FCC ID	KHS900-0001
Agent	Northwest EMC
Approval Type	Original
Equipment Class	DCD Part 15, low power Tx below 1.705 MHz
Rule Part	15C

Industry Canada Information

Model	Matrix 100
Industry Canada ID	6943A-9000001
Rule Part	RSS210

Overview

White's Matrix 100 Handheld Security Metal Detector, is a hand-held field-disturbance metal detector. The primary intended application of this product is in commercial or industrial security inspection of objects or persons for detection of concealed metallic objects. The detection field is produced by a planar rectangular coil of about 2 x 8 inch dimensions. The excitation signal is produced by an L-C oscillator having nominal frequency of about 125 KHz, and oscillator DC power input of about 3 mW. Detection range for large metallic objects is about six inches. Operation of the detection field is continuous, and the field is not modulated otherwise. Detection is obtained by measurement of field disturbance; there is not a separate receiver in this device. Detection is announced by visible and audible or vibratory signal. Audio alarm level is typically 85dB at 30 inches. An earphone can optionally be plugged into the package for unobtrusive use of audible annunciation. Operating power is obtained from a self-contained battery.

Recommendation

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.

Signature


Dave Tolman, TCB Committee
2/18/2007

Findings	
Specification	Finding
47 Cfr 15.19	Labeling
Finding	The required information was not provided.
Resolution	The client has provided a revised user manual with the required information.