

Information about the Applicant	
Company Name	Schweitzer Engineering Laboratories, Inc.
Grantee	Don MacArthur
Address	2350 NE Hopkins Court
City, State, Zip	Pullman, WA 99163
Job Number	SCHW0069
Model	SEL-8300
FCC ID	R34SEL-8300
Agent	Northwest EMC
Approval Type	Original
Equipment Class	DXT Part 15, Low Power Transceiver, Rx Verified
Rule Part	15.249

Industry Canada Information	
Model	SEL-8300
Industry Canada ID	4668A-SEL8300
Rule Part	RSS210

Overview

This device is a Wireless Interface Faulted Circuit Indicator Reader. The radio operates in the 902 – 928 MHz band and uses FSK modulation. The SEL-8300, as part of the RadioRANGER system, helps locate underground faults. The SEL-8300 can be equipped with up to 12 magnetic probes. The information the SEL-8300 collects is then sent to a SEL-8310 Remote Fault Reader. It is battery operated with no provision for connection to the AC mains either directly, or indirectly from another device.

The radio works with two different antennas of the same type. Both options include a coaxial dipole, but the extended option includes an additional 15 feet of LMR-195 coax cable in between the EUT and the coaxial dipole. This configuration satisfies the requirements of 47 CFR 15.203.

Recommendation

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

Signature



Dave Tolman, TCB Committee
3/8/2007

Findings	
Specification	Finding
47 Cfr 15.21	Information for user. Warning against modification of device.
Finding	The required exhibit was not contained in the user manual.
Resolution	The client has provided the requested information and inserted into the user manual.