

U.S. Department of Labor

Mine Safety and Health Administration
Industrial Park Road
RR1, Box 251
Triadelphia, West Virginia 26059



Approval No. 23-A080006-0
A&CC PAR No. 94159

May 2, 2008

Extronics Ltd.
Attention: Mr. John Hartley
Meridian House, Roe St.
Congleton
CW12 1PG
United Kingdom

Dear Mr. Hartley:

The review of your application dated June 22, 2007, Company Code No. 318349, Model iTAG100/BWH3000 RFID Tag, is complete.

The design of this RFID Tag meets the requirements of Title 30 Code of Federal Regulations, Part 23 and is approved as permissible for use in gassy underground mines. We assign Approval No. 23-A080006-0 to this RFID Tag.

The following requirements apply to Approval No. 23-A080006-0:

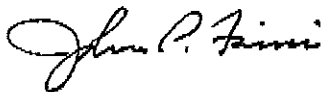
1. You must build each subject RFID Tag bearing this approval number according to the drawings and specification on file at our center. Enclosed is a list of these drawings and specifications.
2. Our approval label information must be legibly reproduced with permanent lettering on a wear resistant material and must be prominently displayed on an exterior surface of each Model iTAG100/BWH3000 RFID Tag (see the enclosed official approval label). All of the approval label information must appear on the approval label. It must not be removable from the equipment.
3. You are not permitted to make changes to the design of this RFID Tag without our approval.
4. We may require you to make changes to the design, or to modify the RFID Tag in the field, in the interest of safety.
5. We have the right to revoke this approval, for cause, at any time.

6. This approval is only valid when used with the Xeno Energy XL-050F, 3.6 volt lithium battery. It is not to be replaced by the user.

You will receive an invoice for the cost to process your application.

If you have any comments or questions relative to this letter, please contact Wayne L. Carey at (304) 547-2086.

Sincerely,



John P. Faini
Chief, Approval and Certification Center

Enclosures

Data Sheet 6
By: WLCarey
Date: 05-02-08

INVESTIGATION TL-23099

DRAWING LIST

Extronics Ltd. Model iTAG100/BWH3000, 3.6 Volt, DC RFID Tag
Built According to TAG MSHA GA 319625
Approval No. 23-A080006-0

<u>TITLE</u>	<u>DRAWING NO.</u>	<u>REVISION</u>
TAG MSHA GA	319625	REL01
Bill of Materials (2 sheets)	320913	01
iTAG100 Back Comparison	320162	PRE01
iTAG100 Schematic (6 sheets)	311975	03
iTAG100 PCB Layout (14 sheets)	313173	01
Call Button Detail	313113	02
Switch Information Drawing	313166	01
iTAG100/T2 Tag MSHA Main Label	319676	1
iTAG100/T2 Tag MSHA Battery Warning Label	320169	1

EXTONICS LTD.

MODEL iTAG100 / BHW3000

PERMISSIBLE RFID TAG



**APPROVAL NO.
23-A080006-0**

**TESTED FOR INTRINSIC SAFETY IN
METHANE-AIR MIXTURES ONLY**

WARNING:

1. This tracker is only permissible with a Xeno Energy XL-050F, 3.6 volt lithium battery. It is not to be replaced by the user.