

*Data Sheet 9
IA-23720*



U.S. Department of Labor

Mine Safety and Health Administration
Approval and Certification Center
765 Technology Drive
Triadelphia, West Virginia 26059

Approval No. 18-A100008-0
A&CC PAR 0096605

April 27, 2010

Quest Technologies Inc.
Attention: Mr. Jon Sarver
1060 Corporate Center Drive
Oconomowoc, Wisconsin 53018

Dear Mr. Sarver:

The review of your application dated March 17, 2009, Company Code No. 031709 for the Edge EG5 Personal Noise Dosimeter, is complete.

The design of this equipment meets the applicable requirements of Title 30 Code of Federal Regulations, Part 18 and is approved as permissible for use in gassy underground mines. We assign Approval No. 18-A100008-0 to the Edge EG5 Personal Noise Dosimeter.

The following apply to Approval No. 18-A100008-0:

1. You must build each Edge EG5 Personal Noise Dosimeter bearing Approval No. 18-A100008-0 according to the drawings and specifications on file at the MSHA Approval and Certification Center. A list of these drawings and specifications is enclosed.
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 the Edge EG5 Personal Noise Dosimeter (see the enclosed official approval label information required for this equipment). All of the approval label information must appear on the approval label.
3. You are not permitted to make changes to the design of this Edge EG5 Personal Noise Dosimeter without our approval.
4. We may require you to make changes to the design, or to modify the Edge EG5 Personal Noise Dosimeter in the field, in the interest of safety.
5. We have the right to revoke this approval, for cause, at any time.

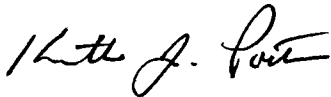
6. The following requirements apply to this Edge EG5 Personal Noise Dosimeter:

The Quest Edge EG5 must be charged in fresh air locations only.

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 Matthew Heightland at 304-547-2314.

Sincerely,



for Kenneth A. Sproul
Acting Chief, Approval and Certification Center

Enclosures

cc: MDHeightland
Files (IA-23720)
A&CC

MSHA:A&CC:MDHeightland:klb:04/23/10

Mattie Anderson
K. Anderson

Data Sheet 9

Quest Technologies Inc.
Permissible Edge EG5 Personal Noise
Dosimeter



APPROVAL NO. 18-A100008-0

TESTED FOR INTRINSIC SAFETY IN METHANE-AIR MIXTURES ONLY

WARNINGS:

1. Charge in fresh air locations only.

INVESTIGATION NO. IA-23720

DRAWING LIST

Quest Technologies Inc.
 Quest Edge EG5 Personal Noise Dosimeter
 Built According to Drawing No. DRAWING LIST - MSHA
 Approval No. 18-A100008-0

| <u>TITLE</u> | <u>DRAWING NO.</u> | <u>REVISION</u> |
|--------------------------------------|---------------------------|------------------------|
| Master Drawing List | DRAWING LIST - MSHA | D |
| Back Label, MSHA | 006C-066 | P1 |
| EG5 C-A Dosimeter Board BOM | 053B-660, Shts. 1-13 | I |
| EG5 LCD Module Schematic | 053B-762 | A |
| Membrane Keypad, Edge Dosimeter | 053C-599 | C |
| IRDA Lens/Pin Holder, Edge Dosimeter | 053C-616 | C |
| Edge Dosimeter, Lightpipe | 053C-619 | B |
| SMD Assembly Top Edge C-A | 053C-660 | G |
| EG5 RAW PCB | 053C-661, Shts. 1-9 | G |
| Edge I.S. Battery Pack PCB | 053C-662, Shts. 1-6 | B |
| Housing, Edge I.S. Battery | 053C-663 | A |
| EG5 Front Insulator | 053C-676 | A |
| Edge Dosimeter, Case Back Assy | 053C-750 | B |
| EG5 Case Front Assy | 053C-769 | A |
| Case Back, Edge Dosimeter | 053D-615 | E |

| <u>TITLE</u> | <u>DRAWING NO.</u> | <u>REVISION</u> |
|--------------------------------|---------------------|-----------------|
| EG5 Back Insulator | 053D-673 | A |
| Case Front, Edge EG5 Dosimeter | 053D-674 | A |
| Display Lens, Edge 5 Dosimeter | 053D-675 | B |
| C-A Edge Dosimeter Schematic | 053D-762, Shts. 1-3 | H |
| EG5 Construction | 053D-819 | A |
| Edge Battery Pack, Potted | 053D-846 | A |

Factory Inspection Form: See Mr. Jon Sarver's certified statement dated March 17, 2009, submitted in lieu of a Factory Inspection Form.