

Received 2/23/06 MSHA/OSRV

From: Marty Sargent [martys@totalfiregroup.com]
Sent: Thursday, February 23, 2006 12:01 PM
To: zzMSHA-Standards - Comments to Fed Reg Group
Subject: Thermal Imaging Camera's

Total Fire Group manufactures a hands free, helmet mounted thermal imaging camera. Used widely in the fire service, this camera also has practical applications in mine safety as well. I recently visited a mine in western Indiana to test the camera's ability to "see" in mining applications. In zero visibility the camera's image portrayed crystal clear image of coal ribs and limestone, of rocks in passageways, and more. It clearly showed the heat given off by the high voltage line, as well as the cold fresh water lines.

I have attached pictures of the camera for you to see how it mounts to a helmet. A bracket can me easily manufactured by Total Fire Group to mount on virtually any helmet.

Miners, like firefighters, literally have their hands full of tools already. When faced with an emergency the last thing that the miners need is more equipment to hand-carry. This camera easily attaches to their current helmet and allows them to have their hands free to help carry out a fallen comrade, to don their breathing air systems, and will help a lead man "see" his way through smoke and dust. Please use this information in your review for products that will enhance mine safety.

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Respectfully,

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Marty Sargent

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New Product Introductions

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