



November 15, 2011

Mining Controls Incorporated
Attn: Mr. Robbie Jarrett
P.O. Box 1141
Beckley, West Virginia 25801

Dear Mr. Jarrett

This letter is in response to your letter dated October 4, 2011, requesting evaluation of Luminaire Testing Laboratory, Inc. (LTL) test report dated September 9, 2011 and the Illumination Analysis Data generated by the Crewstation Analysis Program (CAP), for the (3) 4W, 310 mA, MCELED1231045, MCE LED w/45° lens lamp assembly with a 9V to 26V AC/DC driver.

The LTL report and the Illumination Analysis data have been reviewed. Based on the LTL test report and the Illumination Analysis Data submitted, the (3) 4W, 310 mA, MCELED1231045, MCE LED w/45° lens lamp assembly, LTL file No. 25537, has equivalent or better light output than the 50W, MR16 EXN/CG lamp.

Current ST&E acceptances may be revised to add the (3) 4W, 310 mA, MCELED1231045, MCE LED w/45° lens lamp assembly as an alternate to the 50W, MR16 EXN/CG lamp, housed in the Model MCI50XP Headlight Enclosure, X/P-3938-0 and X/P-3938-1, without submitting Illumination Analysis Data, provided that the data evaluated for the ST&E acceptance was based on the 50W, MR16 EXN/CG lamp.

The LTL files should be incorporated into Mining Controls Inc. copy of the Crewstation Analysis Program (CAP) for use with future ST&E and ST&E RAMP applications.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken J. Porter", is written over a horizontal line.

Kenneth J. Porter
Chief, Electrical Safety Division
Approval and Certification Center