



DEPARTMENT OF MINERALS AND ENERGY

CERTIFICATE OF APPROVAL NO. PN 79(A)

In terms of the Chief Inspector of Mines' Instruction ME-6-2003, the design and construction of the following **Halo 200 Miners Caplamp** is approved for use in the workings of a fiery mine where there may be a risk that an explosive gas, coal dust or other explosive substance may be present at explosive concentrations.

Optimac (Pty) Ltd  
 11 Pieter Street  
 Highveld Techno Park  
 Centurion

Manufactured by: Optimac (Pty) Ltd  
 Product name : Halo 200  
 Drawing No : Halo\_200\_BP/01/DK rev 1.04  
 Test Report No : XPL/8612/06875  
 IA Certificate : MS-XPL/06875 X

The Halo 200 Miners Caplamp may not be used with any other approved miners caplamp combination battery/accumulator.

This approval is subject to the condition that the Halo 200 Miners Caplamp is used and maintained in accordance with the relevant standards and that no modification or alteration is made to such approved **Caplamp**.

The number of this Certificate of Approval shall be marked clearly and indelibly on the **Battery** casing.

Approved on this 2<sup>nd</sup> day of April 2007

  
 for CHIEF INSPECTOR OF MINES