EXPLOLABS (Pty) Ltd
Explosion Prevention Services

Government Approved Inspection Authority

SANAS ACCREDITED LABORATORY

Reg No: 1999/027771/07

APPROVED INSPECTION AUTHORITY

IN TERMS OF:
R21.17.2 OF THE MINERALS ACT (INCORPORATED IN THE MINE HEALTH AND SAFETY ACT, NO 29 OF 1996); AND

POWERPUMP
PO BOX 2280
PRIMROSE
1416

DATE: 11 April 2005

Equipment: Electric Pump
Model: Jenny Model GDL804X
Serial No: 029 and other identical units covered by a valid test report or an accepted product certification mark

supplied by

POWERPUMP
identified by Inspection Authority number

MS-XPL/04551

And as described in the Explolabs test report number XPL/6916/04551 is hereby certified "Explosion Protected Ex d I 150ºC", having been examined and inspected in accordance with the relevant requirements of SABS Standards:
IEC/SANS 60079-0: 2000 (including Am 1)"Electrical apparatus for explosive gas atmospheres, Part 0: General requirements"
IEC/SANS 60079-1: 2002 (including Am 1) "Electrical apparatus for explosive gas atmospheres, Part 1: Flameproof enclosures 'd' "

Locations		Gas and Dust Underground
Frequency		Intermittent as could occur under normal operating conditions in a hazardous location in a mine.
Environment	Group I	Methane (fire-damp) and Coal Dust
Temperature		150ºC

This certification indicates compliance with R21.17.2 of the Mine Health and Safety Act and/or EMR 8(1) of the Occupational Health and Safety Act, provided that the apparatus is used as relevant in accordance with:

i) SABS 086 requirements;
ii) Any conditions mentioned in the above report;
iii) Any relevant requirements and codes of practice enforced in terms of the Mine Health and Safety Act or Occupational Health and Safety Act; and
iv) Any restrictions and conditions enforced by the Chief Inspector of Mines or the Principal Inspector or the Chief Inspector: Occupational Health and Safety.

JJ JOUBERT
SENIOR TESTING OFFICER

E ZUPPA
SENIOR TESTING OFFICER

XPL0105