

Precision Motors & Valves (Cape)(Pty) Ltd.
 ATTN: Michael Hardman
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 CONSTANTIA 7848

YOUR REF. Lette dated 8 June 2005

OUR REF. 7240

ENQUIRIES P Barber

DATE 2005-06-10

REPORT NO. 7240/99777

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STRENGTH TEST - WATER METER BOX
DATE OF TEST: 2005-06-10

1. WORK REQUESTED

Conduct a static compressive strength test on the following plastic water meter cover and frame as supplied by client:

A sample intended for the light duty class. The cover and frame had a mass of 1,84 kg. The unit had an oval shape and measured 315mm x 200mm and 180mm high.

2. METHOD OF TEST

The compressive strength test was conducted as prescribed in SANS 1882:2003 "Polymer concrete surface boxes, manhole and inspection covers, gully gratings and frames".

3. RESULTS

Load requirement for 30 seconds as prescribed in SANS 1882:2003 (kN)	Load sustained for 30 seconds kN	Ultimate load kN
Light duty - 7	7	10,35

4. REMARKS

The light duty sample as tested met the intended load requirements as specified in SANS 1882:2003. No cracks were visible on the underside of the cover or frame.



GB VAN WYK
 TEST OFFICER - MECH/NDT

P BARBER
 PRINCIPAL: ENG. LAB. SERVICES - WESTERN CAPE