



NATAL cc.

Registration No.: 1995/021674/23 VAT Reg. No.: 4770124792

ENGINEERING INSPECTION & CALIBRATION SERVICE

66 PADFIELD ROAD, PADFIELD PARK, PINETOWN
PO. BOX 778, PINETOWN, 3600
TELEPHONE: 031 709 3745/6 FAX: 031 702 7122 / 086 669 4587
E-mail: ospec@telkomsa.net

WITNESS TEST

NO: ON 23.09.10 C

COMPANY: MANHOLES 4 AFRICA
P O BOX 1303
WANDSBECK
3630

WITNESS DATE: 11/09/2013

PAGES: 1 of 1

ATTENTION: MR C DANIEL

YOUR ORDER NO:

EQUIPMENT WITNESSED :

TYPE: TYPE 5 (Rectangular Box) MAKE: MANHOLES 4 AFRICA SR NO: N/A
SITE: UNIT 18, BROOKLANDS, COCONUT GROVE.

EQUIPMENT USED:

TYPE: LOADCELL 2000 kN MAKE: KALIBER SR NO: A111501
TYPE: DIGITAL READOUT MAKE: IEM SR NO: L191
TYPE: TEST STATION MAKE: HOME MADE SR NO: N/A
TYPE: DIGITAL READOUT MAKE: PR SR NO: 121027696
DISC USED: 250 mm diameter
TEMPERATURE BEFORE: 22+-2° C TEMPERATURE AFTER: 22+-2° C

RESULTS

The test sample was set up and tested according to EN 124 Standard.
The load was held for 30 seconds at 13.5 Ton.
No visual defects or signs of fracture were noted.

Equipment used is traceable to National Standards. The measurement results recorded in this certificate were correct at the time of calibration. The subsequent accuracy will depend on factors such as care, handling and frequency of use. It is recommended that recalibration be undertaken at an interval that will ensure that the instrument remains within the desired limits.

METHOD : The test was performed in compression using a force transducer.
TEMPERATURE: Temperature recorder used: Major Tech serial No. 10097430.

See attached photographs.

CALIBRATED BY:

[Signature]
NOMINATED REPRESENTATIVE - TJD BEVERIDGE

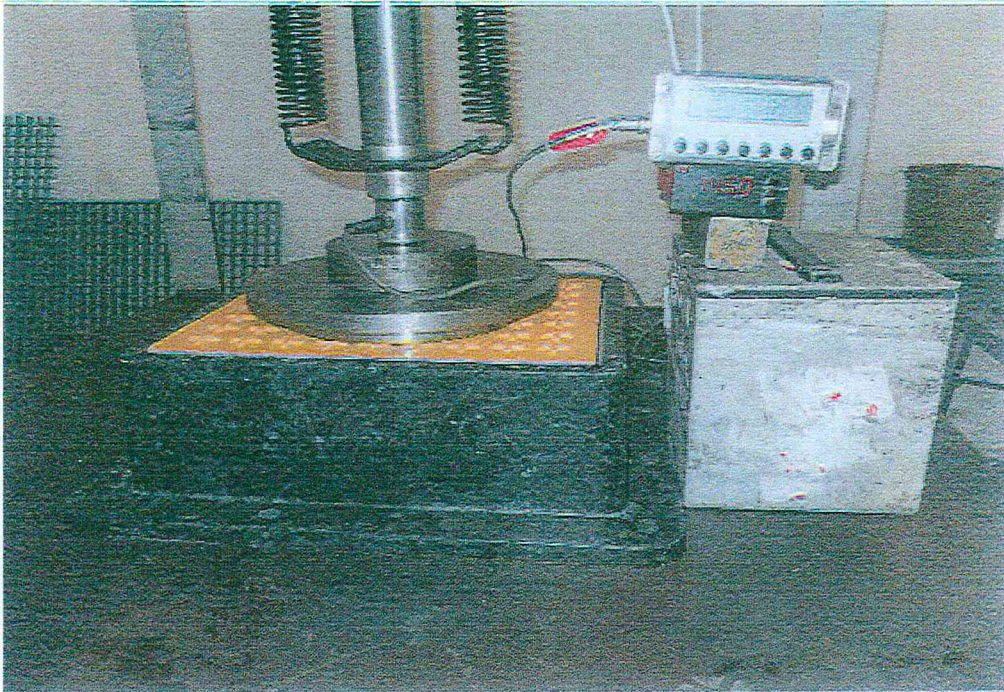
[Signature]
AUTHORISED TECHNICAL SIGNATORY- TJD BEVERIDGE

This certificate only applies to the instruments and setup mentioned above.
~ END OF CERTIFICATE ~



WITNESS DATE: 11/09/2013

NO: ON 23.09.10 C
Page 2 of 2



Type 5 (Rectangular Box)

NOMINATED REPRESENTATIVE - T.J.D. BEVERIDGE

- END OF CERTIFICATE -

AUTHORISED TECHNICAL SIGNATORY - T.J.D. BEVERIDGE