



NATAL cc.

Registration No.: 1995/021676/23 VAT Reg. No.: 4770124792

ENGINEERING INSPECTION & CALIBRATION SERVICE

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WITNESS TEST

NO: ON 23.09.10 D

COMPANY: MANHOLES 4 AFRICA
P O BOX 1303
WANDSBECK
3630

WITNESS DATE: 11/09/2013

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ATTENTION: MR C DANIEL

YOUR ORDER NO:

EQUIPMENT WITNESSED :

TYPE: SQUARE TEST WELL 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: 150 mm diameter

TEMPERATURE BEFORE: 22+-2° C

TEMPERATURE AFTER: 22+-2° C

RESULTS

The test sample was set up and tested according to SABS 1882 and EN 124 Standards.

The load was held for 30 seconds at 13.5 Ton and 25 Ton for EN 124 Standard.

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:

NOMINATED REPRESENTATIVE - TJD BEVERIDGE

AUTHORISED TECHNICAL SIGNATORY-TJD BEVERIDGE

This certificate only applies to the instruments and setup mentioned above.

~ END OF CERTIFICATE ~

MEMBERS: A.E.W. GOODALL T.J.D. BEVERIDGE



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Square Test Well Box

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- END OF CERTIFICATE -