

Your Ref: 25872
Our Ref: 2335/10-365
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Date: 11 June 2010

Pratley Manufacturing (Pty) Ltd
Attention: Mr M van Staden
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KENMARE
1745

FLAMEPROOF ADAPTORS & REDUCERS (Ex d/e)

Dear Sir

PURPOSE

This test report serves to consolidate a number of test reports that have been issued to the test sponsor over a period of time into one comprehensive report.

Reference No:	Date issued:
17/14/7	1990-04-19
777/87269/M398	1995-04-03
5487/T658	11 October 2000
7234/04-478	20 December 2004
7234/04-478	12 April 2006
7234/06-184	12 April 2006
7234/06-184(R)	15 May 2006

SUBJECT

The adaptors/ reducers were verified for compliance to the relevant requirements of SANS 60079 Electrical apparatus for explosive gas atmospheres. Part 0:2005 " General requirements", Part 1:2004 "Flameproof enclosures "d" and Part 7:2003 "Increased safety 'e' "

DESCRIPTION

The adaptor/reducers were intended to be used on flameproof / increased safety equipment.

The units were manufactured from nickel plated brass material.

Threads were verified for a 6g/6H tolerance fit in accordance with ISO 262 requirements.

The threaded part of each adaptor/reducer was at least 8mm in length and comprised at least six full threads.

Gaskets as appropriate were fitted to the male threads.

The adaptors/reducers were illustrated on the following Pratley Manufacturing drawings:

SABS COMMERCIAL (Pty) Ltd – Reg. No. 2000/013581/07

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TABLE A

Product No.	Description	Component No.
46999	Ex d/e FLP NPT Adaptor Nylon Gasket	003613 002240
47000	Ex d/e FLP NPT Adaptor Nylon Gasket	003612 002240
47001	Ex d/e FLP NPT Adaptor	002515
47002	Ex d/e FLP NPT Adaptor	002519
47003	Ex d/e FLP NPT Adaptor	003603
47004	Ex d/e FLP NPT Adaptor	003599
47005	Ex d/e FLP NPT Adaptor	003600
47006	Ex d/e FLP NPT Adaptor	003601
47007	Ex d/e FLP NPT Adaptor	003602
49000	Ex d/e Pg Adaptor Nylon Gasket	003466 002698
49001	Ex d/e Pg Adaptor Nylon Gasket	002967 002699
49002	Ex d/e Pg Adaptor Nylon Gasket	002968 002699
49003	Ex d/e Pg Adaptor Nylon Gasket	002969 002700
49004	Ex d/e Pg Adaptor Nylon Gasket	002970 002700
49005	Ex d/e Pg Adaptor Nylon Gasket	002971 002701
49006	Ex d/e Pg Adaptor Nylon Gasket	002972 002701
49007	Ex d/e Pg Adaptor Nylon Gasket	002973 002701
49008	Ex d/e Pg Adaptor Nylon Gasket	002974 002702
51082	Ex d/e Pg Adaptor Nylon Gasket	002607 002702
52078	Ex d/e Metric Adaptor Nylon Gasket	002430 002608

This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of official test reports.)

52079	Ex d/e Metric Adaptor Nylon Gasket	20M - 25F	002470 002240
52080	Ex d/e Metric Adaptor Nylon Gasket	25M - 32F	002471 002241
52081	Ex d/e Metric Adaptor Nylon Gasket	25M - 40F	002472 002241
52082	Ex d/e Metric Adaptor Nylon Gasket	32M - 40F	002473 002242
52083	Ex d/e Metric Adaptor Nylon Gasket	32M - 50F	002474 002242
52084	Ex d/e Metric Adaptor Nylon Gasket	40M - 50F	002475 002244
52085	Ex d/e Metric Adaptor Nylon Gasket	50M - 63F	003597 002245
52086	Ex d/e Metric Adaptor Nylon Gasket	63M - 75F	003598 002246
70097	Ex d/e Imperial Adaptor Nylon Gasket	20M - ¾"F	002510 002240
70098	Ex d/e Imperial Adaptor Nylon Gasket	25M - 1"F	002511 002241
70099	Ex d/e Imperial Adaptor Nylon Gasket	40M - 1½"F	002512 002244
70100	Ex d/e Imperial Adaptor Nylon Gasket	50M - 2"F	002513 002245
70101	Ex d/e Imperial Adaptor Nylon Gasket	63M - 2½"F	002514 002246
71097	Ex d/e Imperial Adaptor Nylon Gasket	¾"M - 20F	002521 002526
71098	Ex d/e Imperial Adaptor Nylon Gasket	1"M - 25F	002522 002527
71099	Ex d/e Imperial Adaptor Nylon Gasket	1½"M - 40F	002523 002528
71100	Ex d/e Imperial Adaptor Nylon Gasket	2"M - 50F	002524 002529
71101	Ex d/e Imperial Adaptor Nylon Gasket	2½"M - 63F	002525 002530
51090	Ex d/e BSP Adaptor O - Ring	2"BSP M - 20F	003408 003402

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	Nylon Gasket	Ex 1072
3604	Ex d FLP 3" NPS M-63F Adaptor	3604
EX1469 – EX1849	Ex d/e FLP Adaptors	EX1469 – EX1849

TABLE B

Product No.	Description	Component No.
51068	Ex d/e FLP Reducer Nylon Gasket	003605 002240
51069	Ex d/e FLP Reducer Nylon Gasket	002218 002241
51070	Ex d/e FLP Reducer Nylon Gasket	002220 002242
51071	Ex d/e FLP Reducer Nylon Gasket	002219 002242
51072	Ex d/e FLP Reducer Nylon Gasket	002227 002244
51073	Ex d/e FLP Reducer Nylon Gasket	002226 002244
51074	Ex d/e FLP Reducer Nylon Gasket	002221 002244
51075	Ex d/e FLP Reducer Nylon Gasket	002237 002245
51076	Ex d/e FLP Reducer Nylon Gasket	002236 002245
51077	Ex d/e FLP Reducer Nylon Gasket	002229 002245
51078	Ex d/e FLP Reducer Nylon Gasket	002228 002245
51079	Ex d/e FLP Reducer Nylon Gasket	003594 002246
51080	Ex d/e FLP Reducer Nylon Gasket	003595 002246
51081	Ex d/e FLP Reducer Nylon Gasket	003596 002246
51084	Ex d/e FLP Reducer Nylon Gasket	003606 002247

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51085	Ex d/e FLP Reducer Nylon Gasket	75M - 50F	003607 002247
51086	Ex d/e FLP Reducer Nylon Gasket	75M - 63F	003608 002247
EX1850 - EX1915	Ex d/e FLP Reducers		EX1850 - EX1915

The Adaptors/Reducers could be identified by the following markings:

PRATTLEY

Ex d/e I/II

SABS MS/04-478U

Adaptor/Reducer size e.g. = 63M -50F (As indicated in TABLE A and B)

The adaptors/reducers complied to the relevant requirements of SANS 60079: Part 0, Part 1 and Part 7.

No objection can be seen against their use in hazardous areas underground or on surface as required.

Thank you for allowing us the opportunity to assist you in this regard.

Yours faithfully



P Heigers:
SIGNATORY



Reviewed by: B Paul
MANAGER (act)

EXPLOSION PREVENTION TECHNOLOGY