

ICS 75.180.30

ISBN 0-626-13217-7

SABS
1650*

**This standard references other standards*

Edition 1.1

1996

SOUTH AFRICAN STANDARD

Specification

**SABS
1650**

Liquid fuel dispensers

Consolidated edition incorporating technical corrigendum No. 1 : 7 March 1996

SABS 1650

Ed. 1.1

Amendments incorporated since the publication of SABS 1650:1995		
Amdt No.	Date	Scope
Tech. corr. 1	1996-03-07	Has been amended to correct subclause 4.5.2.3 and to change the last sentence of subclause B.2.2.6.2.

ICS 75.180.30

SABS 1650
Ed. 1.1

SOUTH AFRICAN BUREAU OF STANDARDS

SPECIFICATION

LIQUID FUEL DISPENSERS

Obtainable from the

South African Bureau of Standards
Private Bag X191
Pretoria
Republic of South Africa
0001

Telephone : (012) 428-7911
Fax : (012) 344-1568
E-mail : sales@sabs.co.za
Website : <http://www.sabs.co.za>

COPYRIGHT RESERVED

Printed in the Republic of South Africa by the
South African Bureau of Standards

SABS 1650

Ed. 1.1

Notice

This standard was approved in accordance with SABS procedures on 9 October 1995.

NOTE 1 In terms of the Standards Act, 1993 (Act 29 of 1993), no person shall claim or declare that he or any other person complied with an SABS standard unless

- a) such claim or declaration is true and accurate in all material respects, and
- b) the identity of the person on whose authority such claim or declaration is made, is clear.

NOTE 2 It is recommended that authorities who wish to incorporate any part of this standard into any legislation in the manner intended by section 31 of the Act consult the SABS regarding the implications.

This standard will be revised when necessary in order to keep abreast of progress. Comment will be welcome and will be considered when the standard is revised.

Foreword

A vertical line in the margin shows where the text has been modified by technical corrigendum No. 1.

Annexes A, B and C form an integral part of this standard.

Introduction

The attention of both users and manufacturers of liquid fuel dispensers covered by this standard is drawn to the requirements of the Trade Metrology Act, 1973 (Act 77 of 1973), and the fact that it is incumbent upon them to comply with this Act when liquid fuel dispensers are sold or used for trade purposes. Any SA approval number issued in terms of the Act shall not be considered as approval to apply the SABS mark nor shall it be construed to imply that the SABS mark is applicable. The administration of the Act is the responsibility of the Division of Trade Metrology of the South African Bureau of Standards.

Attention is drawn to the normative reference given in clause 2 of this standard. This reference is indispensable for the application of this standard.

ISBN 0-626-13217-7

Contents

	Page
Notice	ii
Foreword	ii
Introduction	ii
Committee	vi
1 Scope	1
2 Normative reference	1
3 Definitions	1
4 Requirements	3
4.1 Principles	3
4.2 Units of measurement	3
4.3 Permissible tolerance on indication	4
4.4 Tolerances for tests that are supplementary to the efficiency tests	4
4.5 Technical requirements for design and construction	5
4.6 Installation	13
5 Inspection and methods of test	13
5.1 Sequence of testing	13
5.2 Verification standards	13
5.3 General test conditions	13
5.4 Inspection	14
5.5 Initial efficiency tests	14
5.6 Final efficiency test	16
5.7 Tests for variations due to influence factors and disturbances	16
6 Marking	17
6.1 Descriptive marking	17
6.2 Minimum delivery	18
6.3 Verification marks	18
7 Metrological controls	19
Annexes	
A Type approval of liquid fuel dispensers	20
B Verification of liquid fuel dispensers	24
C Responsibilities of users of dispensers that fall within the scope of this standard	28
	iii