3-GP-953
3 May 1956
CANCELLATION
September 1969

CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

BENZENE: FOR PREPARATION OF STANDARD TEST HYDROCARBON FLUID

This specification is cancelled as of September 1969. Reference may be made to ASTM B836, Industrial Grade Benzene.

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CANADIAN GOVERNMENT SPECIFICATIONS BOARD

SPECIFICATION

FOR

BENZENE; FOR PREPARATION OF STANDARD TEST HYDROCARBON FLUID

3-GP-953

3 MAY 1956

Withdrawn/Retirée

THIS SPECIFICATION APPLIES TO INDUSTRIAL GRADE BENZENE TO BE USED IN THE PREPARATION OF HYDROCARBON FLUID FOR STANDARD TESTS.

NATIONAL RESEARCH COUNCIL, OTTAWA, CANADA

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Withdrawn/Retirée

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CANADIAN GOVERNMENT SPECIFICATIONS BOARD

Specification
for

BENZENE; FOR PREPARATION OF STANDARD TEST HYDROCARBON FLUID

Withdrawn/Retirée

1. DEFINITION

1.1 This specification applies to industrial grade benzene to be used in the preparation of hydrocarbon fluid for standard tests.

1.2 For more detailed information on uses, see Section 6.1 below.

2. APPLICABLE PUBLICATIONS

2.1 Reference, to the extent specified herein, is made in this specification to the following documents:

2.1.1 3-GP-0: CGSB Schedule of Methods of Testing Petroleum and Associated Products.

2.1.2 ASTM Standards on Petroleum Products and Lubricants (and latest supplement unless otherwise specified).

2.1.3 ASTM Standards on Paint, Varnish, Lacquer, and Related Products (and latest supplement unless otherwise specified).

2.2 Reference to documents and test methods shall be the issue in effect on the date of invitation to tender, unless otherwise specified.

3. GENERAL REQUIREMENTS

3.1 The benzene shall be high quality commercial hydrocarbon liquid.

3.2 The benzene shall be clear and free from undissolved water, sediment and suspended matter.

4. DETAIL REQUIREMENTS

NOTE: Requirements contained herein are absolute and not subject to corrections for tolerance of test methods. However, if multiple determinations are made, average results will be used.

The benzene shall comply with the following detail requirements:

		Min.	Max.	Test Method 3-GP-0	Test Method ASTM
4.1	Distillation Range, °C, including 80.1°C	-	2	-	D1078
4.2	Color (Saybolt)	+20	-	-	D156
4.3	Specific Gravity, 60/60°F	0.875	0.886	-	D1298
4.4	Total Acid Number	-	Nil	2.8	-

4.5 Sulfur Compounds - Hydrogen sulfide and sulfur dioxide shall not be present as evidenced by discoloration of the appropriate test papers.

3-GP-0 Method 66.2

4.6 Corrosion - The copper strip shall show no iridescence nor a grey or black discoloration, but a slight uniform tarnish shall not be cause for rejection.

3-GP-0 Method 60.15a

5. ACCEPTANCE TESTS, SAMPLING AND TEST METHODS

5.1 Acceptance Tests - Acceptance tests shall consist of tests for all requirements of this specification.

5.2 Acceptance Test Sample - A sample of not less than one Imperial quart shall be provided for acceptance tests and shall be obtained in accordance with Section 1.1 of Schedule 3-GP-0: Methods of Testing Petroleum and Associated Products.

5.3 Testing - The methods of testing shall be those in CGSB Schedule 3-GP-0, in ASTM Standards on Petroleum Products and Lubricants, or in ASTM Standards on Paint, Varnish, Lacquer and Related Products as specified, using the procedure prescribed with each requirement.

6. NOTES

6.1 Intended Use - The benzene covered by this specification is intended for use in the preparation of standard test hydrocarbon fluids.

Withdrawn/Retired

6.2 Related CGSB Specifications - There are no other CGSB specifications covering similar types of benzene.

6.3 Other Related Specifications - At the time of publication, the undernoted documents were corresponding specifications (but not necessarily equivalent):

6.3.1 U.S. Federal Specification VV-B-231a, Grade I

6.3.2 ASTM Specification D836

6.4 Information regarding items listed in Section 2 may be obtained on application to: the CGSB Secretary.

Withdrawn/Retirée

Correspondence regarding this specification should be addressed to the Secretary, Canadian Government Specifications Board, National Research Council, Ottawa, Canada.