

SINGAPORE STANDARD

SS 149 : 1976

(ICS 71.060.10; 71.100.20)

SPECIFICATION FOR

Electrolytic compressed hydrogen

Published by
SPRING Singapore
2 Bukit Merah Central
Singapore 159835
SPRING Singapore Website: www.spring.gov.sg
Standards Website: www.standards.org.sg



SINGAPORE STANDARD

SS 149 : 1976

(ICS 71.060.10; 71.100.20)

SPECIFICATION FOR

Electrolytic compressed hydrogen

All rights reserved. Unless otherwise specified, no part of this Singapore Standard may be reproduced or utilised in any form or by any means, electronic or mechanical, including photocopying and microfilming, without permission in writing from the SPRING Singapore at the address below:

Head
Standardisation Department
SPRING Singapore
2 Bukit Merah Central
Singapore 159835
Telephone: 62786666 Telefax: 62786667
Email: stn@spring.gov.sg

CONTENTS

	Page
Foreword - - - - -	4

SPECIFICATION

1. Scope - - - - -	5
2. Requirements - - - - -	5
3. Sampling - - - - -	5
4. Tests - - - - -	6
5. Packaging and Marking - - - - -	6

APPENDICES

A Determination of Hydrogen Content - - - - -	7
B Determination of Oxygen, Carbon Dioxide, Carbon Monoxide and Inert Gas Contents - - - - -	9
C Determination of Water Content - - - - -	12
D Determination of Mercury Content - - - - -	15

S.S. 149 : 1976

SINGAPORE STANDARD

SPECIFICATION FOR ELECTROLYTIC COMPRESSED HYDROGEN

FOREWORD

This specification was drawn up by the Technical Committee on Industrial Gases and approved by the Chemical Industry Standards Committee.

In preparing the specification, references were made to the following:

1. B.S. 3906 : 1965 Electrolytic Compressed Hydrogen
2. I.S. 1090 : 1965 Compressed Hydrogen
3. Federal Specification BB-H-886b : 1962 Hydrogen

Acknowledgement is made for the use of information from the above references.

Acknowledgement is also made for the valuable contribution by Dr. Chow Peng Wai who prepared the preliminary draft.