

SRI LANKA STANDARD 1197 : 1999

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**SPECIFICATION FOR
ACCESS & ENTRY OPENING FOR
INSPECTION OF PRESSURE VESSELS**

SRI LANKA STANDARDS INSTITUTION

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FOREWORD

This standard was approved by the Sectoral Committee on LP Gas Industry and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 1999-12-09.

This standard covers the requirement for the provision and dimensions of access, and entry openings for inspection of pressure vessels.

For the purpose of deciding whether a particular requirement of this specification is complied with the final value observed or calculated, expressing the result of a test or an analysis, shall be rounded off in accordance with **CS 102**. The number of significant places retained in the rounded off value shall be the same as that of the specified value in this standard.

For the preparation of this standard specification the assistance obtained from the following publication of the British Standards Institution is gratefully acknowledged.

BS 470 : 1984 Specification for Inspection, access and entry opening for pressure vessels.

1 SCOPE

This standard specifies requirements for the provision and dimensions of sighthole, handhold, headhole and manhole openings into static and mobile pressure vessels requiring inspection facilities. It does not include openings for steam raising plant because of the different problems associated with those vessels, which may require separate consideration.

2 DEFINITIONS

For the purposes of this standard the following definitions shall apply:

2.1 access : Insertion into a vessel of no more than a person's head and arm.

2.2 entry : Insertion into a vessel of more than a person's head and arm.

2.3 handholes : Holes that are intended for insertion of one hand gripping a lamp during viewing.