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PIAWAI BRUNEI DARUSSALAM
BRUNEI DARUSSALAM STANDARD

Timber

Design of Timber Beams

MINISTRY OF DEVELOPMENT
NEGARA BRUNEI DARUSSALAM

PBD 22 : 1998

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Construction Planning and Research Unit
Ministry of Development
Old Airport, Jalan Berakas
Bandar Seri Begawan
Negara Brunei Darussalam

Timber

Design of Timber Beams

PIAWAI BRUNEI DARUSSALAM

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First Edition

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Attention is drawn to the fact that this Brunei Darussalam Standard does not confer any immunity from legal obligations in any contract for compliance to the Standard.

The Brunei Darussalam Standards are subjected to periodical review according to the current needs of the local industries to keep abreast of progress in the industries concerned. Suggestions of amendments will be recorded and in due course brought to the notice of the committees concerned.

Amendments issued since publication

Amendment No.	Date of Issue	Text Affected

CONTENTS

	Page
Foreword.....	4
Committee Representation.....	5
1.0. Scope.....	6
2.0. Definitions.....	7
3.0. Design.....	8
 APPENDIX	
A A Timber Design Example Based on Strength Group (Manual Calculations).....	14

FOREWORD

This Brunei Darussalam Standard was prepared by the Technical Committee on Timber under the authority of the Standards Committee, Ministry of Development.

This standard is published to meet the current needs of the local industry. It specifies the requirement for the scheduling, proportioning and loading of timber beams as part of the Brunei Darussalam Standards on Timber.

Worked examples of the design of timber beams in accordance with the requirements of this Standard are given in the Appendices. The Standard comes complete with a diskette, containing a software programme developed specifically to assist in the design calculations. The programme is designed to run on Microsoft Excel.

Acknowledgement is made to Brunei Shell Petroleum Co. Sdn Bhd for drafting this Standard and to University Brunei Darussalam for developing and testing the software programme.

COMMITTEE REPRESENTATION

The Technical Committee on Timber was entrusted by the Ministry of Development for the preparation of this standard. The members of the Technical Committee are as follows:-

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SPECIFICATION

1.0. Scope

This standard is limited to the procedures for the design of solid timber beams in Brunei Darussalam. With the issue of this design standard, it is hoped that potential users shall be able to efficiently design timber beams in accordance with their needs in construction projects.