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PIAWAI BRUNEI DARUSSALAM
BRUNEI DARUSSALAM STANDARD

Timber

Design of Timber Columns

MINISTRY OF DEVELOPMENT
NEGARA BRUNEI DARUSSALAM

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**Construction Planning and Research Unit
Ministry of Development
Old Airport, Jalan Berakas
Bandar Seri Begawan 1190
Negara Brunei Darussalam**

Timber

Design of Timber Columns

PIAWAI BRUNEI DARUSSALAM

PBD 21: 1997
First Edition

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 subject 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
Appendices	
A A Timber Design Example Based on Individual Species (Manual Calculation).....	13
B1 A Sample Printout of Design Based on Individual Species.....	18
B2 A Sample Printout of Design Based on Strength Group.....	21

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 was published with all specifications reviewed in accordance to the current needs of the local building industry and specifies the requirements for the scheduling, proportioning and loading of timber columns as part of the Brunei Darussalam Standards on Timber.

Worked examples of the design of timber columns 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 Brunei Darussalam Standard. The members of the Technical Committee are as follows:-

- | | | |
|-----|-------------------------------|---|
| 1. | Dr. Wong Tuck Meng (Chairman) | - Forestry Department,
Ministry of Industry and Primary Resources |
| 2. | Raj Takhar (Deputy Chairman) | - Baharuddin Associates and Consulting Engineers |
| 3. | Rosalind Khan/Colin Woodhouse | - Construction Planning and Research Unit,
Ministry of Development |
| 4. | Hamiddon Hj Md Said | - BKS/UBB, Public Works Department |
| 5. | Azhan H. A. Karim | - STE, Public Works Department |
| 6. | Pg A. Hj Masnah PA Hj Ibrahim | - Brunei Shell Petroleum |
| 7. | Nicholas Leong Soon Kong | - Brunei Shell Petroleum |
| 8. | Dr. Yong Chee Tuan | - Universiti Brunei Darussalam |
| 9. | Hj Sulaiman Hj Puteh | - Sultan Saiful Rijal Technical College |
| 10. | Mike Sampson/ Chia Nyan Fatt | - Cooper Macdonald Daud Sdn Bhd |
| 11. | David Price | - Arkitek Ibrahim |
| 12. | Ariffin Hj Suhaili | - Housing Development Department |
| 13. | Arun Nadig | - Sepakat Setia Perunding |

SPECIFICATION

1.0 SCOPE

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

The design procedures outlined are also applicable to the design of other members in compression.