



MALAYSIAN STANDARD

MS 2371-2:2010

**WOOD PRESERVATIVES, TREATED WOOD
AND TREATED PLYWOOD - QUANTITATIVE
ANALYSIS FOR BORON - PART 2:
INDUCTIVE COUPLED PLASMA - ATOMIC
EMMISSION SPECTROSCOPY (ICP-AES)**

ICS: 71.100.50

Descriptors: spectroscopy, ICP, boron, preservatives, test method

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Committee representation

The Industry Standards Committee on Chemicals and Materials (ISC B) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Department of Standards Malaysia
Federation of Malaysian Manufacturers
Malaysian Ceramic Industry Group
Malaysian Institute of Chemistry
Malaysian Paint Manufacturers Association
Malaysian Pulp and Paper Manufacturers Association
Malaysian Textile Manufacturers Association
Minerals and Geoscience Department Malaysia
Ministry of Agriculture and Agro-based Industry (Department of Agriculture)
Ministry of Defence (Defence Science and Technology Centre)
Ministry of Science, Technology and Innovation (Department of Chemistry, Malaysia)
SIRIM Berhad (Secretariat)
Universiti Malaya
Universiti Sains Malaysia
Universiti Teknologi Malaysia

The Technical Committee on Wood Preservation which supervised the development of this Malaysian Standard was managed by the Malaysian Wood Preserving Association in its capacity as an authorised Standards-Writing Organisation and consists of representatives from the following organisations:

Department of Agriculture Malaysia
Department of Chemistry, Malaysia
Forest Research Institute Malaysia
Malaysian Furniture Industry Council
Malaysian Timber Industry Board
Malaysian Wood Preserving Association (Secretariat)
Sarawak Forestry Corporation
SIRIM Berhad
Universiti Teknologi MARA

The Working Group on Wood Preservation which developed this Malaysian Standard consists of representatives from the following organisations:

Ancom Crop Care Sdn Bhd
Arch Wood Protection (M) Sdn Bhd
Borax Asia
Celcure Chemicals (M) Sdn Bhd
Department of Agriculture Malaysia
Forest Research Institute Malaysia
Kenso Corporation (M) Sdn Bhd
Malaysian Furniture Promotion Council
Malaysian Timber Industry Board
Malaysian Wood Preserving Association (Secretariat)
Nufarm Technologies (M) Sdn Bhd
Universiti Teknologi MARA

FOREWORD

This Malaysian Standard was developed by the Working Group on Wood Preservation under the authority of the Industry Standards Committee on Chemicals and Materials. Development of this standard was carried out by the Malaysian Wood Preserving Association which is the Standards-Writing Organisation (SWO) appointed by SIRIM Berhad to develop standards for the timber industry.

MS 2371 consists of the following parts, under the general title, *Wood Preservatives, Treated Wood and Treated Plywood - Quantitative Analysis for Boron*:

Part 1: Titration method

Part 2: Inductive Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES)

Part 3: UV-Visible spectrophotometer

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