CertMark International

"Approve Audit Advise Assess Assure"

Acceptance Criteria

CMI-TR-153

for

Test Reports

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WFTAO
WORLD FEDERATION OF TECHNICAL ASSESSMENT ORGANISATIONS

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PREFACE

Product Certifications, Evaluation Reports and Product appraisals issued by CMI are based upon performance features of relevant Australian, New Zealand and International standards. All CMI Certifications and reports also give due consideration of the National Construction code of Australia (NCC) and the New Zealand Building Code (NZBC).

It is accepted that the provisions of the NCC and the NSBC are not intended to prevent the installation of any materials or to prohibit any design or method of construction not specifically prescribed by the NCC or the NSBC, provided that any such alternative solution has been appropriately evaluated, peer reviewed and approved by CMI.

An alternative material, design or method of construction shall be deemed to comply by CMI when, after due evaluation the CMI concludes that the proposed design is satisfactory and complies with the intent of the provisions of the NCC or the NZBC, and that the material, or method of construction is, for the purpose intended, at least the equivalent of that prescribed in the NCC or the NZBC in quality, strength, effectiveness, fire resistance, durability and safety.

CMI may consider alternate criteria for report approval, provided the report applicant submits data demonstrating that the alternate criteria are at least equivalent to the criteria set forth in this document, and otherwise demonstrate compliance with the performance features of the codes. CMI retains the right to refuse the issue or renewal of any certification, evaluation report or product appraisal if the applicable product, material, or method of construction is such that either unusual care with its installation or use must be exercised for satisfactory performance, or if malfunctioning is having the capacity to cause injury or unreasonable damage.

1. INTRODUCTION

1.1 **Purpose:** The purpose of this acceptance criteria is to establish general requirements for laboratory tests submitted to CMI in support of applications for CMI Certifications and reports

1.2 **Scope:** This criteria includes requirements for test reports and testing laboratories, and for sampling of specimens used in tests to qualify products for recognition in Certifications and reports

1.3 **Referenced Standard:**

1.3.1 ISO/IEC Standard 17025, General Requirements for the Competence of Testing and Calibration Laboratories.

2. SOURCE OF TEST REPORTS

2.1 **Accredited Laboratories:** CMI can consider test reports from laboratories that are accredited as complying with ISO/IEC Standard 17025 by the International Accreditation Service (CMI) or by any other accreditation body that is a signatory to the International Laboratory Accreditation Cooperation (ILAC) or National Association of Testing Authorities, Australia (NATA) Mutual Recognition Arrangement (MRA). The scope of the laboratory's accreditation shall include the specific type of testing covered in the test report. The laboratory's accreditation certificate shall be provided to show that the laboratory is accredited for the testing reported.

2.2 **Accredited Laboratories (testing outside of their scopes):**

CMI will accept (subject to certain conditions *****) testing from NATA/ILAC accredited test labs that may not be covered by their scope of accreditation, provided:

- Such testing should be done with NATA/ILAC calibrated equipment.
- Have a professional building practitioner/ engineer witness the testing and write a statement of testing procedure acceptance.
- Then have final acceptance from a certifier.

*******The test report must be accompanied by a declaration from the laboratory that the testing was done in accordance with the scope of testing in the relevant standard the test is being conducted against, as well as a statement that the testing was done to the satisfaction of the accredited laboratory, and its competence to perform the testing.*

2.3 **Manufacturer's Testing Facility:** Occasionally, a manufacturer seeking an evaluation report will want to submit data resulting from tests conducted at the manufacturer's testing facility. In most cases, such testing shall be done under the supervision of an accredited laboratory (as described in Section 2.1), and the accredited laboratory shall issue the test report. The test report must be accompanied by a declaration from the accredited laboratory that steps were taken to ensure that the integrity of test specimens was maintained and that the specimens were not altered during periods when a laboratory representative was not present; and that the manufacturer's testing facility demonstrated, to the satisfaction of the accredited laboratory, its competence to perform the testing.

At the discretion of CMI, a test report may be accepted from a manufacturer's testing facility without the involvement of another, accredited laboratory, so long as the manufacturer's facility is itself accredited as complying with ISO/IEC Standard 17025 by an accreditation body that is a signatory to the ILAC, NATA, MRA; and so long as the testing in question is to fulfil requirements of one of the CMI acceptance criteria listed in Appendix A of this document. The scope of the laboratory's accreditation shall include the specific type of testing covered in the test report.

3. TESTING OF REPRESENTATIVE PRODUCTS

3.1 Test specimens of products subject to third-party quality control inspections as a requirement of the code or CMI acceptance criteria shall be sampled at the manufacturing site by the accredited testing laboratory or by a CMI-accredited inspection agency. The sampled product shall be truly representative of the standard manufactured product for which recognition is being sought. In lieu of sampling at the manufacturing site, sampling at a warehouse or distribution center is permitted, provided the testing laboratory or accredited inspection agency samples the materials and correlates the sampled materials with the product specifications.

3.2 Test specimens of products that do not require third-party quality control inspections are not required to be independently sampled. However, along with the test report, the applicant shall submit a signed and dated declaration certifying that the product tested is representative of the standard manufactured product to be covered in the evaluation report or listing. As an alternative, the testing laboratory may independently draw samples from the manufacturing site.

3.3 If the test specimen is an assembly, laboratory personnel shall witness or verify the proper construction of the assembly.

3.4 Identical products that are manufactured at multiple facilities shall be correlated to the samples on which the initial qualifying tests were conducted.

4. CONTENT OF TEST REPORTS

4.1 Test reports shall be submitted in their entirety and shall include at least the following:

4.1.1 Name, address, and telephone number of the laboratory.

4.1.2 Unique identification number of the test report. Each page of the report should include the identifier to ensure that each page is part of the same test report.

4.1.3 The report shall be paginated and the total number of pages indicated.

4.1.4 Date of testing and date of the report.

4.1.5 The test standard with date of issue, and an explanation of any deviation from the standard.

4.1.6 Signatures (dated) and titles (or equivalent identification) of persons authorizing the test report.

4.1.7 Description of the product tested, and the source of the test samples.

4.1.8 If assemblies are tested (structural assemblies, fire-rated assemblies, etc.), there shall be a description of the assemblies, preferably with illustrations. The report shall identify the parties constructing the assemblies and shall also address witnessing and/or verifying the construction.

4.1.9 Description of the test procedure, if necessary for interpretation of the test results.

4.1.10 Any specifics required by the test standard or applicable acceptance criteria or evaluation guideline, such as ambient conditions, graphs, calculations, drawings, photographs, and interpretation of results, if required.

4.1.11 Location where the testing was conducted, if different from the address of the testing laboratory.

4.1.12 Failure mode, with a description of the failure.

4.1.13 Conclusions or summary statements, including, when applicable, a statement indicating whether the product passed or failed the test.

5. AGE OF TEST REPORTS

5.1 Test reports shall be current and shall be no older that 5 years. If a test report is over 5 years of age then it must be accompanied by, at a minimum, a conforming letter of currency from the issuing test facility.

5.2 It is the responsibility of the certificate holder to ensure that all testing is current and applicable to the requirements of the Building Code.