



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

**BUILDING PHYSICS AND ENVIRONMENT LABORATORY, DIVISION OF
BUILDING PHYSICS AND ENVIRONMENT INSTITUTE, HOUSING &
BUILDING NATIONAL RESEARCH CENTER (HBRC)**

87 EL-TAHRIR STREET
DOKKI, GIZA, EGYPT

Testing Laboratory TL-354

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date September 20, 2024



International Accreditation Service
Issued under the authority of IAS management

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

BUILDING PHYSICS AND ENVIRONMENT LABORATORY, DIVISION OF BUILDING PHYSICS AND ENVIRONMENT INSTITUTE, HOUSING & BUILDING NATIONAL RESEARCH CENTER (HBRC)

www.hbrc.edu.eg

Contact Name Prof. Mahmoud Hassan

Contact Phone +20 1001412608

Accredited to ISO/IEC 17025:2017

Effective Date September 20, 2024

Acoustical	
ASTM E90	Standard test method for laboratory measurement of airborne sound transmission loss of building partitions and elements
ASTM E2235	Standard test method for determination of decay rates for use in sound insulation test methods
Thermal	
ASTM C518	Standard test method for steady-state thermal transmission properties by means of the heat flow meter apparatus
ASTM E903	Standard test method for solar absorptance, reflectance, and transmittance of materials using integrating spheres
Aerodynamics	
ASTM E283	Standard test method for determining rate of air leakage through exterior windows, curtain walls, and doors under specified pressure differences across the specimen
ASTM E331	Standard test method for water penetration of exterior windows, skylights, doors, and curtain walls by uniform static air pressure difference
Fire	
ASTM E119	Standard Test Methods for Fire Tests of Building Construction and Materials
EN 1363-1	Fire resistance tests—Part 1 General Requirements
EN 13381-4	Test methods for determining the contribution to the fire resistance of structural members. Applied passive protection products to steel members
EN 13381-8	Test methods for determining the contribution to the fire resistance of structural members. Applied reactive protection to steel members

TL-354

**BUILDING PHYSICS AND ENVIRONMENT LABORATORY, DIVISION
OF BUILDING PHYSICS AND ENVIRONMENT INSTITUTE, HOUSING &
BUILDING NATIONAL RESEARCH CENTER (HBRC)**

Effective Date September 20, 2024

Page 2 of 3



SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

NFPA 252	Standard methods of fire tests of door assemblies
----------	---

TL-354

**BUILDING PHYSICS AND ENVIRONMENT LABORATORY, DIVISION
OF BUILDING PHYSICS AND ENVIRONMENT INSTITUTE, HOUSING &
BUILDING NATIONAL RESEARCH CENTER (HBRC)**

Effective Date September 20, 2024

Page 3 of 3



INTERNATIONAL
ACCREDITATION
SERVICE®