



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

SOIL MECHANICS DRILLING CORP.


3770 MERRICK ROAD
SEAFORD, NEW YORK 11783, U.S.A.

Special Inspection Agency SIA-232-NY (Type A)

has met the requirements of the applicable provisions of AC291, *IAS Accreditation Criteria for Special Inspection Agencies*, and has demonstrated compliance with ISO/IEC Standard 17020:2012, *Conformity assessment - Requirements for the operation of various types of bodies performing inspection*, Rules of City of New York, 1RCNY 101-06, and applicable New York City Building Code® Chapter 17, Section BC 1705. This organization is accredited to provide the services specified in the scope of accreditation.

Valid thru December 1, 2025
Effective Date May 28, 2024





President

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

SOIL MECHANICS DRILLING CORP.

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Accredited to ISO/IEC 17020:2012

Effective Date May 28, 2024

Section 5 of IAS AC291 is replaced by Rules of City of New York, 1RCNY 101-06, Appendix A and applicable New York City Building Code® Chapter 17, Section BC 1705.

| Field and Types of Inspection | | Inspection Procedures and Reference Documents | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------------------|----------------------------------|
| Management System Documentation: Quality Management System Manual, Rev. 14, 2/22/2022 for applicable NYC Construction Codes and 1RCNY 101-06, Rules of the City of New York | | | |
| 2014 Code Special Inspection | 2014 Code Section | Corresponding 2022 Code Special Inspection | Corresponding 2022 Code Section |
| General Building Constructions | | | |
| Wall panels, curtain walls and veneer | BC 1704.10 | Wall panels, curtain walls and veneer | BC 1705.20 |
| Exterior insulation and finish systems (EIFS) | BC 1704.13 | Combustible exterior wall coverings | BC 1705.16 |
| Fire Protection Systems & Fire-Resistant Construction | | | |
| Sprayed fire-resistant materials | BC 1704.11 | Sprayed fire-resistant materials | BC 1705.14 |
| Fire-resistant penetrations and joints | BC 1704.27 | Fire-resistant penetrations and joints | BC 1705.17 |
| Plumbing & Mechanical Systems | | | |
| Soil percolation test – Private on-site water drainage disposal systems and detention facilities | BC 1704.21.1.2 | Soil percolation tests – Private on-site water drainage disposal systems and detention facilities | BC 1705.27.1.2 |
| Private on-site storm water disposal systems and detention facilities, Installation | BC 1704.21.2 | Private on-site storm water disposal systems and detention facilities, Installation | BC 1705.27.2 |
| On-site private sewage disposal systems | BC 1704.22 | On-site private sewage disposal systems | BC 1705.28 |
| Structural Materials & Construction Operations | | | |
| Structural Steel - Details | BC 1704.3.2 | Structural Steel - Details | BC 1705.2.2 |
| Concrete - Cast-in-Place | BC 1704.4 | Concrete - Cast-in-Place | BC 1705.3 |
| Concrete - Precast | BC 1704.4 | Concrete - Precast | BC 1705.3 |
| Masonry | BC 1704.5 | Masonry | BC 1705.4 |
| Subgrade Inspection | BC 1704.7.1 | Subgrade Inspection | BC 1705.6 (Table 1705.6, Item 4) |
| Subsurface conditions - fill placement | BC 1704.7.2 | Subsurface conditions - fill placement | BC 1705.6 (Table 1705.6, Item 2) |

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| Subsurface conditions - in place density | BC 1704.7.3 | Subsurface conditions - in place density | BC 1705.6 (Table 1705.6, Item 3) |
| Subsurface investigations - borings and test pits | BC 1704.7.4 | Subsurface investigations - borings and test pits | BC 1705.6 (Table 1705.6, Item 1) |
| Deep foundation elements | BC 1704.8 | Deep foundation elements | BC 1705.7 |
| Helical pile foundations | BC 1704.8.5 | Helical pile foundations | BC 1705.9 |
| Vertical masonry foundation elements | BC 1704.9 | Vertical masonry foundation elements | BC 1705.19 |
| Structural stability - existing buildings | BC 1704.20.1 | Alterations of existing buildings- | BC 1705.25.1 |
| Excavations | BC 1704.20.2 | Excavations | BC 1705.25.3 BC 3304.4.1 BC 3304.5.2 BC 3304.12 |
| Underpinning | BC 1704.20.3 BC 1814 | Underpinning and alternate methods of support of buildings and adjacent property | BC 1705.25.4 BC 1817.10 |
| Post-installed anchors | BC 1704.32 | Post-installed anchors | BC 1705.37 |