



CERTIFICATE OF ACCREDITATION

This is to attest that

ARK ENGINEERING CONSULTANT, P.C.

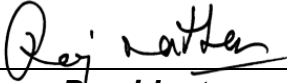
61-43 186TH ST, SUITE 212
FRESH MEADOWS, NY 11365, U.S.A.

Special Inspection Agency SIA-421-NY (Type C)

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 September 1, 2024
Effective Date March 21, 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

ARK ENGINEERING CONSULTANT, P.C.

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Accredited to ISO/IEC 17020:2012

Effective Date March 21, 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: ARK Engineering Consultants P.C. Special Inspection Manual, Rev 3(7/18/2023) 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			
Sprinkler systems	BC 1704.23	Sprinkler systems	BC 1705.29
Standpipe systems	BC 1704.24	Standpipe systems	BC 1705.30
Fire-resistant penetrations and joints	BC 1704.27	Fire-resistant penetrations and joints	BC 1705.17
Plumbing & Mechanical Systems			
Mechanical systems	BC 1704.16	Mechanical systems	BC 1705.21
Fuel storage and fuel-piping systems	BC 1704.17	Fuel storage and fuel-piping systems	BC 1705.22
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
Heating systems	BC 1704.25	Heating systems	BC 1705.31
Structural Materials & Construction Operations			
Structural Cold-formed steel	BC 1704.3.4	Structural Cold-formed steel	BC 1705.2.6
Masonry	BC 1704.5	Masonry	BC 1705.4
Subgrade Inspection	BC 1704.7.1	Subgrade Inspection	BC 1705.6 (Table 1705.6, Item 4)
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

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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