



INTERNATIONAL  
ACCREDITATION  
SERVICE®

# CERTIFICATE OF ACCREDITATION

*This is to attest that*

## **AK ENGINEERING PC**

276 5TH AVENUE, SUITE 907  
NEW YORK, NEW YORK 10001, U.S.A

### **Special Inspection Agency SIA-233-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 May 1, 2026

Effective Date July 4, 2024



*International Accreditation Service*  
Issued under the authority of IAS management

Visit [www.iasonline.org](http://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](http://www.iasonline.org)

## AK ENGINEERING PC

[www.akengineeringnyc.com](http://www.akengineeringnyc.com)

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*Accredited to ISO/IEC 17020:2012*

*Effective Date July 4, 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 1704.

Field and Types of Inspection		Inspection Procedures and Reference Documents	
Management System Documentation: QMSM, Rev 12.0 (5/6/2024), 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			
Chimneys	BC 1704.26	Chimneys and vents	BC 1705.32
Flood zone compliance	BC 1704.29 BC G105	Flood zone compliance	BC 1705.34
Photoluminescent/luminous exit path markings	BC 1704.30 BC 1024.8	Luminous exit path markings	BC 1705.35 BC 1025.8
		Tenant Protection Plan Compliance	BC 1705.26
Fire Protection Systems & Fire-Resistant Construction			
Sprayed fire-resistant materials	BC 1704.11	Sprayed fire-resistant materials	BC 1705.14
Mastic and intumescent fire-resistant coatings	BC 1704.12	Mastic and intumescent fire-resistant coatings	BC 1705.15
Smoke control systems	BC 1704.15	Smoke control system testing	BC 1705.18
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
Emergency and standby power systems (generators)	BC 1704.31	Emergency and standby power systems (generators)	BC 1705.36
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
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	BC 1704.21.2	Private on-site storm water	BC 1705.27.2

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Field and Types of Inspection		Inspection Procedures and Reference Documents	
disposal systems and detention facilities, Installation		disposal systems and detention facilities, Installation	
On-site private sewage disposal systems	BC 1704.22	On-site private sewage disposal systems	BC 1705.28
Heating systems	BC 1704.25	Heating systems	BC 1705.31
<b>Structural Materials &amp; Construction Operations</b>			
Structural Steel – Welding	BC 1704.3.1	Structural Steel – Welding	BC 1705.2.1
Structural Steel - Details	BC 1704.3.2	Structural Steel - Details	BC 1705.2.2
Structural Steel - High-strength bolts	BC 1704.3.3	Structural Steel - High- strength bolts	BC 1705.2.3
Structural Cold-formed steel	BC 1704.3.4	Structural Cold-formed steel	BC 1705.2.6
		Open-web Steel Joists and Joist Girders	BC 1705.2.7
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
Structural stability - existing buildings	BC 1704.20.1	Alterations of existing buildings-	BC 1705.25.1
		Construction operations influencing adjacent structures	BC 1705.25.2
Post-installed anchors	BC 1704.32	Post-installed anchors	BC 1705.37
Seismic Isolation Systems	BC 1707.8	Seismic Isolation Systems	BC 1705.12.5
		Plumbing, mechanical, fuel gas, and electrical components	BC 1705.12.3

