**Required Qualifications of the Special Inspector**

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| Special Inspection Category | Code Reference | Primary Inspector or Inspection Supervisor Qualifications | Supplemental Inspector Qualifications (under the direct supervision of the  Inspection Supervisor) |
| Verification of  Fabricators | 1704.2.5; 1704.2.5.1 | See below for type of fabrication |  |
| Special Cases | 1705.1.1 | As identified by the Engineer of Record, on a case by case, in the Statement of Special  Inspections. At a minimum, the Special Inspector, or their Agent, shall have 5-years related work experience on projects of comparable size and complexity. A written project list with references shall be provided. |  |
| Steel Construction and High Strength Bolting | 1705.2 Exception; 1705.2.1; Table 1705.7 Item 5 | Registered professional engineer or architect  or  Current ICC Structural Steel and Bolting Special Inspector Certificate plus one year of related experience | Engineer-In-Training (EIT) with one year of related experience |
| Welding | 1705.2 Exception; 1705.2.1; 1705.2.2; Table 1705.2.3 Item 1.a; Table 1705.3 Item 2; 1705.4 (welding of reinforcement) | Registered professional engineer or architect  or  Current ICC Structural Welding Special Inspector Certificate plus one year of related experience  or  Current AWS Senior Certified Welding Inspector  or  Current AWS Certified Welding Inspector with AWS D1.1 endorsements  or  Current NDT Level III Certificate | Engineer-In-Training (EIT) with one year of related experience or  Current ICC Structural Steel and Bolting Inspector Certificate plus one year of related experience  or  Current Certified Associate Welding Inspector plus one year of related experience  or  Current NDT Level II Certificate plus one year of related experience |
| Cold-Formed Steel Deck | 1705.2 Exception; 1705.2.2 | Registered professional engineer or architect  or  Current ICC Structural Steel and Bolting Inspector Certificate plus one year of related experience  See “Welding” for additional requirements. | Engineer-In-Training (EIT) with one year of related experience  See “Welding” for additional requirements. |

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| Open-Web Steel Joists & Joist Girders | 1705.2.3; Table 1705.2.3 | Registered professional engineer or architect  or  Current ICC Structural Steel and Bolting Inspector Certificate plus one year of related experience  See “Welding” for additional requirements. | Engineer-In-Training (EIT) with one year of related experience  See “Welding” for additional requirements. |
| Cold Formed Steel Framing | 1705.2.4 | Registered professional engineer or architect  or  Current ICC Structural Steel and Bolting Inspector Certificate plus one year of related experience  or  Current ICC Structural Welding Special Inspector Certificate plus one year of related experience | Engineer-In-Training (EIT) with one year of related experience |
| Concrete Construction | 1705.3; Table  1705.3 Items 1, 3,  4, 5, 6, 7, 8, and  12; Table 1705.8  Item 3 | Registered professional engineer or architect  or  Current ICC Reinforced Concrete Special Inspector Certificate and ACI Concrete Field Testing Technician Certificate, Grade 1  or  Current ACI Concrete Construction Special Inspector Certificate  or  Current NICET Concrete Technician Level III Certificate in Construction Materials  Testing | Engineer-In-Training (EIT) with one year of related experience or  Current Associate ACI Concrete Construction Special Inspector with one year of related experience  or  Current NICET Concrete Technician Level II Certificate in Construction Materials  Testing with one year of related experience |
| Prestressed Concrete Construction (see also Concrete Construction) | Table 1705.3  Items 1, 9, and 10;  Table 1705.7 Item  6 | Registered professional engineer or  Current ICC Pre-stressed Concrete Special Inspector Certificate with one year of related experience  or  Current PCI Quality Control Technician / Inspector Level II certificate with one year of  related experience | Engineer-In-Training (EIT) with one year of related experience or  Current PCI Quality Control Technician / Inspector Level I certificate with one year of related experience |

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| Post-tensioned Concrete Construction (see also Concrete Construction) | 1705.3 Exception  3; Table 1705.3  Items 1, 9, and 11 | Registered professional engineer or  Current PTI Level 2 Unbonded PT Inspector Certificate  or  Current ICC Prestressed Concrete Special Inspector Certificate with one year of related experience | Engineer-In-Training (EIT) with one year of related experience or  Current PTI Level 1 Unbonded PT Inspector Certificate with  one year of related experience |
| Masonry Construction | 1705.4 | Registered professional engineer or architect  or  Current ICC Structural Masonry Special Inspector Certificate plus one year of related experience | Engineer-In-Training (EIT) with one year of related experience |
| Wood Construction | 1705.5 | Registered professional engineer or architect  or  Current ICC Commercial Building Inspector Certificate plus one year of related experience | Engineer-In-Training (EIT) with one year of related experience |
| Verification of Site Soil Condition, Fill Placement, and Load-Bearing Requirements | 1705.6; Table  1705.6; 1804.6  Exception | Current NICET Soils Technician Level II Certificate in Construction Materials Testing or  Current ICC Soils Special Inspector Certificate plus one year of related experience  or  Engineer-In-Training (EIT) with one year of related experience or  Geologist-In-Training (GIT) with one year of related experience | Current NICET Soils Technician Level I Certificate in Construction Materials Testing plus one year of related experience |
| Deep Foundations | 1705.7; Table  1705.7; 1705.8;  Table 1705.8;  1705.9 | Current NICET Soils Technician Level II Certificate in Construction Materials Testing or  Engineer-In-Training (EIT) with one year of related experience or  Geologist-In-Training (GIT) with one year of related experience | Current NICET Soils Technician Level I Certificate in Construction Materials Testing plus one year of related experience |
| Rammed Aggregate Piers & Stone Columns | 1705.1.1 | Current NICET Soils Technician Level II Certificate in Construction Materials Testing or  Engineer-In-Training (EIT) with one year of related experience or  Geologist-In-Training (GIT) with one year of related experience | Current NICET Soils Technician Level I Certificate in Construction Materials Testing plus one year of related experience |
| Sprayed Fire-Resistant Material | 1705.14 | Registered professional engineer or architect with one year of related experience  or  Current ICC Spray-Applied Fireproofing Special Inspector Certificate | Engineer-In-Training (EIT) with one year of related experience  or  Current ICC Fire Inspector I Certificate plus one year of related experience |
| Mastic and Intumescent Fire-Resistant Coatings | 1705.15 | Registered professional engineer or architect with one year of related experience  or  Current ICC Spray-Applied Fireproofing Special Inspector Certificate | Engineer-In-Training (EIT) with one year of related experience  or  Current ICC Fire Inspector I Certificate plus one year of related experience |
| Exterior Insulation and Finish System | 1705.16 | Registered professional engineer or architect  or  Current AWCI EIFS Inspector Certificate | Engineer-In-Training (EIT) with one year of related experience |
| Fire-Resistant Penetrations and Joints | 1705.17 | Registered professional engineer or architect with one year of related experience  or  Current ICC Fire Inspector I Certificate plus one year of related experience | EIT with one year of related experience |
| Smoke Control | 1705.18 | Registered Professional Engineer (Mechanical or Fire Protection Discipline) and Certification as Air Balancer or  Current AABC Technician Certification with one year of related experience | Engineer-In-Training (EIT) with one year of related experience |
| Wind Resistance | 1705.11 | As recognized above for each specific type of component or  material. |  |
| Seismic Resistance | 1705.12; 1705.13 | As recognized above for each specific type of component or material. |  |