**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 theInspection Supervisor) |
| Verification ofFabricators | 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 SpecialInspections. 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 architectorCurrent 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 architectorCurrent ICC Structural Welding Special Inspector Certificate plus one year of related experienceorCurrent AWS Senior Certified Welding InspectororCurrent AWS Certified Welding Inspector with AWS D1.1 endorsementsorCurrent NDT Level III Certificate | Engineer-In-Training (EIT) with one year of related experience orCurrent ICC Structural Steel and Bolting Inspector Certificate plus one year of related experienceorCurrent Certified Associate Welding Inspector plus one year of related experienceorCurrent NDT Level II Certificate plus one year of related experience |
| Cold-Formed Steel Deck | 1705.2 Exception; 1705.2.2 | Registered professional engineer or architectorCurrent ICC Structural Steel and Bolting Inspector Certificate plus one year of related experienceSee “Welding” for additional requirements. | Engineer-In-Training (EIT) with one year of related experienceSee “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 architectorCurrent ICC Structural Steel and Bolting Inspector Certificate plus one year of related experienceSee “Welding” for additional requirements. | Engineer-In-Training (EIT) with one year of related experienceSee “Welding” for additional requirements. |
| Cold Formed Steel Framing | 1705.2.4 | Registered professional engineer or architectorCurrent ICC Structural Steel and Bolting Inspector Certificate plus one year of related experienceorCurrent 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; Table1705.3 Items 1, 3,4, 5, 6, 7, 8, and12; Table 1705.8Item 3 | Registered professional engineer or architectorCurrent ICC Reinforced Concrete Special Inspector Certificate and ACI Concrete Field Testing Technician Certificate, Grade 1orCurrent ACI Concrete Construction Special Inspector CertificateorCurrent NICET Concrete Technician Level III Certificate in Construction MaterialsTesting | Engineer-In-Training (EIT) with one year of related experience orCurrent Associate ACI Concrete Construction Special Inspector with one year of related experienceorCurrent NICET Concrete Technician Level II Certificate in Construction MaterialsTesting with one year of related experience |
| Prestressed Concrete Construction (see also Concrete Construction) | Table 1705.3Items 1, 9, and 10;Table 1705.7 Item6 | Registered professional engineer orCurrent ICC Pre-stressed Concrete Special Inspector Certificate with one year of related experienceorCurrent PCI Quality Control Technician / Inspector Level II certificate with one year ofrelated experience | Engineer-In-Training (EIT) with one year of related experience orCurrent 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 Exception3; Table 1705.3Items 1, 9, and 11 | Registered professional engineer orCurrent PTI Level 2 Unbonded PT Inspector CertificateorCurrent ICC Prestressed Concrete Special Inspector Certificate with one year of related experience | Engineer-In-Training (EIT) with one year of related experience orCurrent PTI Level 1 Unbonded PT Inspector Certificate withone year of related experience |
| Masonry Construction | 1705.4 | Registered professional engineer or architectorCurrent 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 architectorCurrent 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; Table1705.6; 1804.6Exception | Current NICET Soils Technician Level II Certificate in Construction Materials Testing orCurrent ICC Soils Special Inspector Certificate plus one year of related experienceorEngineer-In-Training (EIT) with one year of related experience orGeologist-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; Table1705.7; 1705.8;Table 1705.8;1705.9 | Current NICET Soils Technician Level II Certificate in Construction Materials Testing orEngineer-In-Training (EIT) with one year of related experience orGeologist-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 orEngineer-In-Training (EIT) with one year of related experience orGeologist-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 experienceorCurrent ICC Spray-Applied Fireproofing Special Inspector Certificate | Engineer-In-Training (EIT) with one year of related experienceorCurrent 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 experienceorCurrent ICC Spray-Applied Fireproofing Special Inspector Certificate | Engineer-In-Training (EIT) with one year of related experienceorCurrent ICC Fire Inspector I Certificate plus one year of related experience |
| Exterior Insulation and Finish System | 1705.16 | Registered professional engineer or architectorCurrent 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 experienceorCurrent 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 orCurrent 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 ormaterial. |  |
| Seismic Resistance | 1705.12; 1705.13 | As recognized above for each specific type of component or material. |  |