**Performance groups and quantities of structural and nonstructural elements per typical floor**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Code** | **Name** | **Quantities typical floor** | | | | |
| **As-built** | **Retrofitted** | **C1** | **C2** | **C3** |
| B1035.041 | Pre-Northridge WUF-B beam-column joint, beam in one side, W≤27 | 4 | 4 | 4 | 4 | 4 |
| B1035.042 | Pre-Northridge WUF-B beam-column joint, beam in one side, W>=30 | 4 | 4 | 4 | 4 | 4 |
| B1035.051 | Pre-Northridge WUF-B beam-column joint, beam in both sides, W<=27 | 4 | 4 | 4 | 4 | 4 |
| B1035.052 | Pre-Northridge WUF-B beam-column joint, beam in both sides, W>=30 | 4 | 4 | 4 | 4 | 4 |
| B2022.001 | Curtain Walls - Generic Midrise Stick-Built Curtain wall | 86 | 86 | 86 | 86 | 86 |
| B3011.013 | Concrete tile roof | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| C1011.001 | Wall Partition | 8.64 | 8.64 |  | 8.64 |  |
| C1011.001b | Wall Partition, Type: Gypsum with metal studs, Partial Height, Fixed Below, Lateral Braced Above |  |  | 8.64 |  | 8.64 |
| C2011.001 | Prefabricated steel stair with steel treads and landings with no seismic joint. | 5.18 | 5.18 |  | 5.18 |  |
| C2011.001a | Prefabricated steel stair with steel treads and landings with seismic joints that accommodate drift. |  |  | 5.18 |  | 5.18 |
| C3027.001 | Raised Access Floor | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| C3032.001 | Suspended Ceiling | 31.1 | 31.1 | 31.1 |  |  |
| C3032.004a | Suspended Ceiling, SDC D,E,F (Ip=1.5), Area (A): A < 250, Vert & Lat support |  |  |  | 31.1 | 31.1 |
| C3034.001 | Independent Pendant Lighting - non seismic | 259.2 | 259.2 | 259.2 | 259.2 | 259.2 |
| D1014.011 | Traction Elevator – Applies to most California Installations 1976 or later | 1.73 | 1.73 | 1.73 |  |  |
| D1014.021 | Hydraulic Elevator – Applies to most California Installations 1976 or later, most western states installations postdating 1982 and most U.S installations postdating 1998. |  |  |  | 1.73 | 1.73 |
| D2021.011 | Cold Water Piping (dia > 2.5 inches) | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 |
| D2021.013 | Cold Water Piping (dia > 2.5 inches) | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 |
| D2022.011 | Hot Water Piping - Small Diameter Threaded Steel - (2.5 inches in diameter or less) | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 |
| D2022.011 | Hot Water Piping - Small Diameter Threaded Steel - (2.5 inches in diameter or less) | 0.73 | 0.73 | 0.73 | 0.73 | 0.73 |
| D2022.021 | Hot Water Piping - Large Diameter Welded Steel - (greater than 2.5 inches in diameter) | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 |
| D2022.023 | Hot Water Piping - Large Diameter Welded Steel - (greater than 2.5 inches in diameter) | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 |
| D2031.011 | Sanitary Waste Piping - Cast Iron w/flexible couplings | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 |
| D2031.021 | Sanitary Waste Piping - Cast Iron w/bell and spigot couplings | 0.49 | 0.49 | 0.49 | 0.49 | 0.49 |
| D3031.011 | Chiller - Capacity: < 100 Ton - Unanchored equipment that is not vibration isolated - Equipment fragility only | 1.73 | 1.73 | 1.73 | 1.73 | 1.73 |
| D3031.022 | Cooling Tower - Capacity: < 100 Ton - Vibration isolated equipment that is not snubbed or restrained - Equipment fragility only | 1.73 | 1.73 | 1.73 | 1.73 | 1.73 |
| D3041.011 | HVAC Galvanized Sheet Metal Ducting less than 6 sq. ft in cross-sectional area | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 |
| D3041.012 | HVAC Galvanized Sheet Metal Ducting - 6 sq. ft cross sectional area or greater | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| D3041.031 | HVAC Drops / Diffusers in suspended ceilings - No independent safety wires | 7.78 | 7.78 | 7.78 | 7.78 | 7.78 |
| D3052.011 | Air Handling Unit - Capacity: <5000 CFM - Unanchored equipment that is not vibration isolated - Equipment fragility only | 5.18 | 5.18 | 5.18 | 5.18 | 5.18 |
| D4011.021 | Fire Sprinkler Water Piping - Horizontal Mains and Branches - Old Style Vitaulic - Thin Wall Steel - No bracing | 1.73 | 1.73 | 1.73 | 1.73 | 1.73 |
| D4011.031 | Fire Sprinkler Water Piping - Horizontal Mains and Branches - Old Style Vitaulic - Thin Wall Steel - No bracing | 0.78 | 0.78 | 0.78 | 0.78 | 0.78 |
| D5012.013 | Motor Control Center - Capacity: all - Unanchored equipment that is not vibration isolated - Equipment fragility only | 1.73 | 1.73 | 1.73 | 1.73 | 1.73 |
| D5012.021 | Low Voltage Switchgear - Capacity: 100 to <350 Amp - Unanchored equipment that is not vibration isolated - Equipment fragility only | 0.86 | 0.86 | 0.86 | 0.86 | 0.86 |
| D5012.031 | Distribution Panel - Capacity: 100 to <350 Amp - Unanchored equipment that is not vibration isolated - Equipment fragility only | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 |
| E2022.001 | Modular office workstations. | 60.48 | 60.48 | 60.48 | 60.48 | 60.48 |
| E2022.023 | Desktop electronics including computers | 60.48 | 60.48 | 60.48 | 60.48 | 60.48 |
| E2022.106 | Bookcase | 30.24 | 30.24 | 30.24 | 30.24 | 30.24 |
| E2022.114 | Vertical Filing Cabinet | 30.24 | 30.24 | 30.24 | 30.24 | 30.24 |