**Damage states and fragility functions of the structural and nonstructural elements**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Code** | **EDP** | **DS 1** | | **DS 2** | | **DS 3** | |
| **μ** | **β** | **μ** | **β** | **μ** | **β** |
| B1035.041 | Drift | 0.017 | 0.4 | 0.025 | 0.4 | 0.03 | 0.4 |
| B1035.042 | Drift | 0.017 | 0.4 | 0.025 | 0.4 | 0.03 | 0.4 |
| B1035.051 | Drift | 0.017 | 0.4 | 0.025 | 0.4 | 0.03 | 0.4 |
| B1035.052 | Drift | 0.017 | 0.4 | 0.025 | 0.4 | 0.03 | 0.4 |
| B2022.001 | Drift | 0.025 | 0.4 | 0.033 | 0.4 |  |  |
| B3011.013 | Acceleration (g) | 0.5 | 0.4 | 0.7 | 0.4 |  |  |
| C1011.001 | Drift | 0.0026 | 0.6 | 0.0068 | 0.33 | 0.0075 | 0.36 |
| C1011.001b | Drift | 0.01 | 0.3 | 0.013 | 0.3 | 0.018 | 0.3 |
| C2011.001 | Drift | 0.005 | 0.6 | 0.017 | 0.6 | 0.028 | 0.45 |
| C2011.001a | Drift | 0.018 | 0.6 | 0.03 | 0.6 | 0.041 | 0.5 |
| C3027.001 | Acceleration (g) | 0.5 | 0.5 |  |  |  |  |
| C3032.001 | Acceleration (g) | 0.55 | 0.4 | 1 | 0.4 | 1.5 | 0.4 |
| C3032.004a | Acceleration (g) | 1.92 | 0.3 | 2.34 | 0.3 | 2.48 | 0.3 |
| C3034.001 | Acceleration (g) | 0.6 | 0.4 |  |  |  |  |
| D1014.011 | Acceleration (g) | 0.39 | 0.45 |  |  |  |  |
| D1014.021 | Acceleration (g) | 0.5 | 0.3 |  |  |  |  |
| D2021.011 | Acceleration (g) | 1.5 | 0.4 | 2.25 | 0.4 |  |  |
| D2021.013 | Acceleration (g) | 1.5 | 0.5 | 2.25 | 0.5 |  |  |
| D2022.011 | Acceleration (g) | 1.2 | 0.5 | 2.4 | 0.5 |  |  |
| D2022.011 | Acceleration (g) | 1.2 | 0.4 | 2.4 | 0.4 |  |  |
| D2022.021 | Acceleration (g) | 1.5 | 0.4 | 2.25 | 0.4 |  |  |
| D2022.023 | Acceleration (g) | 1.5 | 0.5 | 2.25 | 0.5 |  |  |
| D2031.011 | Acceleration (g) | 1.2 | 0.5 | 2.4 | 0.5 |  |  |
| D2031.021 | Acceleration (g) | 2.25 | 0.5 |  |  |  |  |
| D3031.011 | Acceleration (g) | 0.2 | 0.4 |  |  |  |  |
| D3031.022 | Acceleration (g) | 0.97 | 0.6 |  |  |  |  |
| D3041.011 | Acceleration (g) | 1.5 | 0.4 |  |  |  |  |
| D3041.012 | Acceleration (g) | 2.25 | 0.4 |  |  |  |  |
| D3041.031 | Acceleration (g) | 1.3 | 0.4 |  |  |  |  |
| D3052.011 | Acceleration (g) | 0.25 | 0.4 |  |  |  |  |
| D4011.021 | Acceleration (g) | 0.46 | 0.33 | 0.93 | 0.34 | 1.26 | 0.34 |
| D4011.031 | Acceleration (g) | 0.46 | 0.33 | 0.93 | 0.34 | 1.26 | 0.34 |
| D5012.013 | Acceleration (g) | 0.73 | 0.45 |  |  |  |  |
| D5012.021 | Acceleration (g) | 1.28 | 0.4 |  |  |  |  |
| D5012.031 | Acceleration (g) | 2.16 | 0.4 |  |  |  |  |
| E2022.001 | Acceleration (g) | 1 | 0.4 |  |  |  |  |
| E2022.023 | Acceleration (g) | 0.4 | 0.5 |  |  |  |  |
| E2022.106 | Acceleration (g) | 0.22 | 0.4 |  |  |  |  |
| E2022.114 | Acceleration (g) | 0.42 | 0.4 |  |  |  |  |