Supplement 1: The non-structural safety elements of hospital, grouped in five sub-modules.

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| **Sub-module 1** | **Critical systems** | **Safety Level** |
| Low | Average | High |
| **Electrical system** |  |  |  |
| 1 | Generator has capacity to meet 100% of demand |  |  |  |
| 2 | Regular tests of generator performance are carried out in critical areas |  |  |  |
| 3 | Generator protected from damage due to natural phenomena |  |  |  |
| 4 | Safety of electrical equipment, cables, and cable ducts |  |  |  |
| 5 | Redundant system for local electric power supply |  |  |  |
| 6 | Protection for control panel, overload breaker switch, and cables |  |  |  |
| 7 | Lighting system for critical areas of the hospital |  |  |  |
| 8 | External electrical systems installed on hospital grounds |  |  |  |
| **Telecommunications system** |  |  |  |
| 9 | Condition of antennas and antenna bracing |  |  |  |
| 10 | Condition of low-voltage systems (Internet and telephone connections/cables) |  |  |  |
| 11 |  Condition of alternative communications systems |  |  |  |
| 12 | Condition of anchors and braces for telecommunications equipment and cables |  |  |  |
| 13 | Condition of external telecommunications systems installed on hospital grounds |  |  |  |
| 14 | Site has adequate conditions for telecommunications systems |  |  |  |
| 15 | Safety of internal communications systems |  |  |  |
| **Water supply system** |  |  |  |
| 16 | Water tank has permanent reserve that is sufficient to provide at least 300 liters daily, per bed, for 72 hours |  |  |  |
| 17 | Water storage tanks are protected and in secure locations |  |  |  |
| 18 | Alternative water supply to major distribution network |  |  |  |
| 19 | Condition of water distribution system |  |  |  |
| 20 | Supplementary pumping system |  |  |  |
| **Fuel storage (gas, gasoline, diesel)** |  |  |  |
| 21 | Fuel tanks have at least 5-day capacity |  |  |  |
| 22 | Fuel tanks and/or cylinders are anchored and in a secure location |  |  |  |
| 23 | Safe location of fuel storage |  |  |  |
| 24 | Safety of the fuel distribution system (valves, hoses, and connections) |  |  |  |
| **Medical gases (oxygen, nitrogen, etc.)** |  |  |  |
| 25 | Sufficient medical gas storage for minimum of 15-day supply |  |  |  |
| 26 | Anchors for medical gas tanks, cylinders, and related equipment |  |  |  |
| 27 | Availability of alternative sources of medical gases |  |  |  |
| 28 | Appropriate location for storage of medical gases |  |  |  |
| 29 | Safety of medical gas distribution system (valves, pipes, connections) |  |  |  |
| 30 | Protection of medical gas tanks and/or cylinders and related equipment |  |  |  |
| 31 | Adequate safety in storage areas |  |  |  |
| **Sub-module 2** | **Heating, ventilation, and air-conditioning (HVAC) systems in critical areas** | **Safety Level** |
| Low | Average | High |
| 32 | Adequate supports for ducts and review of flexibility of ducts and piping that cross expansion joints |  |  |  |
| 33 | Condition of pipes, connections, and valves |  |  |  |
| 34 | Condition of anchors for heating and/or hot water equipment |  |  |  |
| 35 | Condition of anchors for air-conditioning equipment |  |  |  |
| 36 | Location of enclosures for HVAC equipment |  |  |  |
| 37 | Safety of enclosures for HVAC equipment |  |  |  |
| 38 | Operating condition of HVAC equipment (boiler, air-conditioning systems, exhaust, etc.) |  |  |  |
| **Sub-module 3** | **Office and storeroom furnishings and equipment (fixed and movable) including computers, printers, etc.** | **Safety Level** |
| Low | Average | High |
| 39 | Anchors for shelving and safety of shelf contents |  |  |  |
| 40 | Safety of computers and printers |  |  |  |
| 41 | Condition of office furnishings and other equipment |  |  |  |
| **Sub-module 4** | **Medical and laboratory equipment and supplies used for****diagnosis and treatment** | **Safety Level** |
| Low | Average | High |
| 42 | Medical equipment in operating theaters and recovery rooms |  |  |  |
| 43 | Condition and safety of radiology and imaging equipment |  |  |  |
| 44 | Condition and safety of laboratory equipment |  |  |  |
| 45 | Condition and safety of medical equipment in emergency services unit |  |  |  |
| 46 | Condition and safety of medical equipment in intensive or intermediate care unit |  |  |  |
| 47 | Condition and safety of equipment and furnishings in the pharmacy |  |  |  |
| 48 | Condition and safety of equipment in the sterilization unit |  |  |  |
| 49 | Condition and safety of medical equipment for neonatal care |  |  |  |
| 50 | Condition and safety of medical equipment and supplies for burn management |  |  |  |
| 51 | Condition and safety of medical equipment for nuclear medicine and radiation therapy |  |  |  |
| 52 | Condition and safety of medical equipment in other services |  |  |  |
| 53 | Anchors for shelving and safety of medical contents |  |  |  |
| **Sub-module 5** | **Architectural elements** | **Safety Level** |
| Low | Average | High |
| 54 | Condition and safety of doors and entrances |  |  |  |
| 55 | Condition and safety of windows and shutters |  |  |  |
| 56 | Condition and safety of other elements of the building envelope (outside walls, facings, etc.) |  |  |  |
| 57 | Condition and safety of roofing |  |  |  |
| 58 | Condition and safety of parapets (wall or railing placed to prevent falls on roofs, bridges, stairs, etc.) |  |  |  |
| 59 | Condition and safety of perimeter walls and fencing |  |  |  |
| 60 | Condition and safety of other outside elements (cornices, ornaments, etc.) |  |  |  |
| 61 | Safe conditions for movement outside of building |  |  |  |
| 62 | Safe conditions for movement inside the building (corridors, stairs, elevators, exit doors, etc.) |  |  |  |
| 63 | Condition and safety of internal walls and partitions |  |  |  |
| 64 | Condition and safety of false or suspended ceilings |  |  |  |
| 65 | Condition and safety of internal and external lighting systems |  |  |  |
| 66 | Condition and safety of fire protection system |  |  |  |
| 67 | Condition and safety of elevator system |  |  |  |
| 68 | Condition and safety of stairways |  |  |  |
| 69 | Condition and safety of floor coverings |  |  |  |
| 70 | Hospital access routes |  |  |  |
| 71 | Other architectural elements, including emergency signs |  |  |  |