

FIRE SAFETY INSPECTION CHECKLIST

BASED ON REPUBLIC ACT 9514 (FIRE CODE OF THE PHILIPPINES)

I. GENERAL INFORMATION

Name of Building : MDRR MU
Address : POBLACION 2A
Business Name : _____
Nature of Business : _____
Name of owner/Represent: : Alan de Guzman
Contact No. : 09564685003

II. CONSTRUCTION TYPE

- ☒ Type I : Concrete & Steel (Fire Resistive)
☐ Type II : Concrete & Exposed Steel (Noncombustible)
☐ Type III : Concrete & Wood (Ordinary)
☐ Type IV : Heavy Timber (Large mass wood)
☐ Type V : Wood frame (Lightweight wood)

III. SECTIONAL OCCUPANCY (INDICATE SPECIFIC USAGE OF EACH FLOOR, PART OR PORTION OF THE BUILDING)

Basement : _____
Ground floor : MDRRM
Second floor : MDRRM
Third floor : _____
Fourth floor : _____
Nth floor : _____

Use separate sheet if necessary

IV. GENERAL OCCUPANCY CLASSIFICATION

- ☐ Assembly / ☐ Educational / ☐ Day Care / ☒ Health Care
☐ Detention and Correctional / ☐ Residential / ☐ Residential Board and Care
☐ Mercantile / ☐ Business / ☐ Industrial / ☒ Storage / ☐ Special Structure.

V. OTHER INFORMATION

Maximum Occupant Load: 12 P/Floor Number of Stories: 2 Storey
Building Height : _____ m Highrise: ☐ Yes / ☒ No

VI. MEANS OF EGRESS

• EXIT ACCESS

☒ Doors / ☐ Corridors / ☐ Hallways / ☒ Passageways / ☐ Anterooms / ☐ Ramps

| | Passed | Failed |
|---------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|
| Doors that open directly onto exit access corridors shall be self-closing and self-latching | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| There shall no openings in the corridor partitions other than door openings | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Free from any obstruction | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| No flammable material stored | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

• EXITS

☒ Normal Stairs / ☐ Curved Stairs / ☐ Spiral Stairs / ☐ Winding Stairs

☐ Horizontal Exits / ☐ Outside Stairs / Exit Passageways / Fire Escape Stairs

☐ Fire Escape Ladder (for 1 & 2 family dwelling only)

☐ Slide Escape (for Industrial Occupancy Only)

| | Passed | Failed |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|
| Exits doors open and close properly | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Doors swing in direction of egress. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Exit Doors provided with panic hardware, vision panel, and self-closing mechanism. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| There shall be no enclosed usable space under the stairs in an exit enclosure nor shall the open space under such stairs be used for any purpose. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Interior finish: Class B | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Exterior grounds are kept clear of objects that might impede evacuation or firefighting equipment | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Terminate directly at a public way or at an exterior exit discharge | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

VII. SIGNS, LIGHTING, AND EXITS SIGNAGE

• MARKING OF MEANS OF EGRESS (EXIT)

| | Actual Dim. | Passed | Failed |
|-------------------------------------------------------------------|----------------|--------------------------|--------------------------|
| Minimum letter height, 150 mm | <u>NO SIGN</u> | <input type="checkbox"/> | <input type="checkbox"/> |
| EXIT signs are posted along Exit access, Exits and Exit discharge | | <input type="checkbox"/> | <input type="checkbox"/> |
| EXIT signs are properly illuminated | | <input type="checkbox"/> | <input type="checkbox"/> |

• **MARKING OF MEANS OF EGRESS (EMERGENCY EVACUATION PLAN)**

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|--------|
| NO E/FC PLAN | | Passed | Failed |
| Posted on strategic and conspicuous location inside the building | | [] | [✓] |
| Drawn with a photo-luminescent background to be readable in case of power failure. Containing the following basic information below <ol style="list-style-type: none"> 1. "You Are Here/ room number/ building" Marking 2. Fire Exits 3. Primary Route to Exit (Nearest to the viewer) 4. Secondary Route to Exit (Second nearest to the viewer) 5. Fire alarm pull stations and annunciators 6. Fire extinguishers/ hose cabinets 7. Emergency Light 8. First Aid Kits locations (if applicable) 9. Emergency Call stations (if applicable) 10. Areas of safe refuge (for high-rise building) 11. Assembly areas instructions 12. "In Case of Emergency" instructions | | [] | [✓] |
| | Actual Dim. | Passed | Failed |
| Emergency Evacuation Plan: | | | |
| <input type="checkbox"/> Size 330.2 mm wide * 215.9 mm height (Floor area < 50 m ²) • Room or spaces | | [] | [] |
| <input type="checkbox"/> Size 609.6 mm wide * 457.2 mm height (Floor area = 50 – 150 m ²) • Room or spaces • Building lobbies upon entry. • Elevator lobbies at every floor. • Hallways and corridors. • On every bend/corner Or every 15m interval in the case of long hallway. | | [] | [] |
| <input type="checkbox"/> Size 609.6 mm height * 914.4 mm wide (Floor area ≥ 151m ²) • Room or spaces • Upon entry of the building • Area of assembly or every 25m interval in the case auditorium & gymnasium. | | [] | [] |
| Symbols/icons/logos to be used for the marking shall be in accordance with NFPA 170, Standard for Signs and Symbols. | | | |

VIII. HAZARD

• **OTHER FLAMMABLE LIQUIDS (I.E. ALCOHOL, ETHER, ETC...)**

| | | |
|-----------------------------------|-----|--------|
| | | Failed |
| Stored in sealed metal containers | [✓] | [] |
| Properly dispensed as per SOP | [✓] | [] |
| Provided with "NO SMOKING" sign. | [] | [✓] |

MISCELLANEOUS HAZARDS (MECHANICAL EQUIPMENT ROOM, STORAGE, SUPPLY ROOM)

| | Passed | Failed |
|---------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| All no smoking areas has adequate signs. <i>NO SIGN</i> | [] | [<input checked="" type="checkbox"/>] |
| Gasoline/ Diesel is stored in the proper place and in a metal safety can. | [<input checked="" type="checkbox"/>] | [] |

• HOUSEKEEPING, MAINTENANCE, STORAGE & WASTE DISPOSAL

| | Passed | Failed |
|----------------------------------------------------------------------------------------------|-----------------------------------------|--------|
| Brooms, mops, rags and other cleaning supplies stored in metal cabinets or approved cans | [<input checked="" type="checkbox"/>] | [] |
| Paints, solvents and other flammables stored in metal cabinet: oily rags in metal containers | [<input checked="" type="checkbox"/>] | [] |
| Dry leaves, shrubbery trimmings and other combustibles kept away from buildings | [<input checked="" type="checkbox"/>] | [] |

IX. FIRE PROTECTION

| | | | |
|-----------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------|
| A. | Automatic Fire Suppression System (Sprinkler) <i>NO SPRINKLER</i> | | |
| | Item to Inspect | Procedure How to Inspect | Passed |
| | Sprinkler Pumps | Check automatic start and pressure. | [] |
| | Sprinkler Valves | Valves are locked in the open position, no leaks, corrosion, or other defects noted. | [] |
| | Sprinkler water flow alarm | Open test valve and ensure manual alarm bell functions and sprinkler pumps start. | [] |
| B. | Wet Standpipe/Fire Hose Cabinet <i>NO HOSE</i> | | |
| | Cabinet Door Operative | Check that door is unobstructed and opens properly. | [] |
| | Hose Condition | Check that hose is not rotted, wet, moldy, etc. | [] |
| | Nozzle | Check that nozzle is in place and operates correctly. | [] |
| | Hose hung properly | Check that hose is hung properly so that it can easily be un-rolled if needed. | [] |
| | Valves and valve handles | Check that valve handles are in place and that valves operate properly and are in the open position. | [] |
| C. | Fire Pump | | |
| | Pump System | Inspect accuracy of pressure gauges and sensors | [] |
| | Pipings | Check pipings if there is leak | [] |

| | | | | |
|----|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|
| | Motor | Check unusual noise or vibrations | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | Electrical System | Check if there is corrosion in PCBs, cracked cable/wire insulation, leak in plumbing parts, sign of water in electrical part | <input type="checkbox"/> | <input type="checkbox"/> |
| D. | Fire Detection System | | | |
| | Fire Detection System | Random Test of call points and smoke detectors. | <input type="checkbox"/> | <input type="checkbox"/> |
| E. | Fire Alarm Facilities | | | |
| | Location Signs | Check all signs are in place and legible. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Alarm Panels | Check that all alarm panels are functioning correctly and are unobstructed. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| F. | Lifts (Elevator) | | | |
| | Lifts | All lifts "home" to ground floor during fire test, doors open and lift stops. | <input type="checkbox"/> | <input type="checkbox"/> |
| | Fans | All lift fans operate correctly. | <input type="checkbox"/> | <input type="checkbox"/> |
| | Fireman's lift | Fireman's lift can be keyed to operate during fire alarm test. | <input type="checkbox"/> | <input type="checkbox"/> |
| G. | First Aid Fire Protection (Fire Extinguishers) | | | |
| | Fire Extinguisher Size | Minimal sizes of fire extinguishers for the listed grades of hazards shall be provided on the basis of table 7 & 8 of RIRR of RA 9514. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Minimum number of Extinguisher. | The minimum number of extinguishers shall be sufficient to meet the requirements of table 7 & 8 of RIRR of RA 9514. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Location | All extinguishers are in their proper location. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Seals & Tags | Extinguisher seals and tags are intact and extinguisher was serviced in the last 12 months. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Markings | Proper marking on extinguisher to indicate the type of fire the extinguisher can be used on. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Condition | No leaks, corrosion or other defects noticed. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Pressure | Pressure gauge reads in the "green" area. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| H. | Emergency Lighting Systems | | | |
| | Battery Lights | All battery powered emergency lighting turns on when mains power is removed | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| I. | Kitchen | | | |
| | Hoods & Vents | Hoods, vents, fans and ducts in good condition and free from grease | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | Hood Filters | Date of Last Cleaning | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| J. BUILDING SERVICE EQUIPMENT | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------|
| | Passed | Failed |
| 1. Utilities: Cooking equipment protected by AKHFSS (Restaurant and similar establishment with Occupant Load > 50p) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Heating, Ventilating and Air-conditioning: Design & Installation in accordance with PMEC | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Smoke Control Systems/Smoke Management shall be provided in the following: <input type="checkbox"/> All high-rise buildings (stairwells, at least 1 elevator shaft, zoned smoke control, and vestibule). <input type="checkbox"/> Pressurization of smoke refuge area. <input type="checkbox"/> Every Atrium of covered mall of over 2- levels / Other type of Occupancy over 3 – levels. <input type="checkbox"/> Underground structure and windowless facilities. <input type="checkbox"/> All movie houses. <input type="checkbox"/> All other buildings or structures with at least 1,115m ² single floor area. | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Rubbish Chutes, Laundry Chutes, and Flue-Fed Incinerators: (not apply to detached single- or two-family dwelling) <input type="checkbox"/> Chutes & Incinerators shall be enclosed. <input type="checkbox"/> Design and Maintained in accordance with the latest edition of PMEC. | <input type="checkbox"/> | <input type="checkbox"/> |

| K. FIRE WALL (FW) (if required) | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Provided with Fire Wall (minimum 2 hours fire resistance) | <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No |
| FW extension above the roof surface shall not be less than 760mm (See MC No. 2021-064 dated 28 June 2021 for Alternative) | <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No |
| Wall type: <input type="checkbox"/> 125mm Solid Concrete / <input checked="" type="checkbox"/> 150mm Solid Masonry / <input type="checkbox"/> 200mm Hollow Unit Masonry | |