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| **HIGH HAZARD INDUSTRIAL (F1) Fire Safety Inspection Report / Order to Remedy** |
| **Name of Occupant** | **Group****F** | **Division****1** | **Occupancy**Spray Coating Operations |
| **Building Address** | **Town/Community**      | **Inspection Date**      |
| **Name of Owner or Authorized Agent**      | **Contact Person for Inspection** | **Phone No.** |
| **Address of Owner or Authorized Agent** | **Inspector(s) & Phone No.** | **Reporting No.** |
| **Email Address of Owner or Authorized Agent** | **UTM Coordinates** |  |

**Forming Part II of Fire Safety Inspection Report # \_\_\_\_\_\_\_\_\_\_\_\_\_\_ dated \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**IN CONFORMANCE WITH NFPA 33, ‘SPRAY APPLICATION USING FLAMMABLE or COMBUSTIBLE MATERIALS’**

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| **ID** | **MANITOBA FIRE CODE ARTICLE** | **Inspection Observations** | **Meets MB Fire Code** |
| **Yes** | **No** | **N/A** |
| **M** |  | **SPRAY PAINTING / COATING OPERATIONS** |  |  |  |
| 1 | MFC 5.4.5.2. | All painting done in the paint booth? | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 5.4.5.2. | Paint booth filters inspected and replaced at regular intervals? | **[ ]**  | **[ ]**  | **[ ]**  |
| 3 | MFC 5.4.5.2. | All sources of ignition removed from the paint booth and storage area? | **[ ]**  | **[ ]**  | **[ ]**  |
| 4 | MFC 5.4.5.2. | Containers and dispensing equipment bonded and grounded? | **[ ]**  | **[ ]**  | **[ ]**  |
| 5 | MFC 5.4.5.2. | Ventilation system regularly inspected and properly maintained? | **[ ]**  | **[ ]**  | **[ ]**  |
| 6 | MFC 5.4.5.2. | Procedures in place to prevent cross contamination between solvent based and waterborne based paints? | **[ ]**  | **[ ]**  | **[ ]**  |
| 7 | MFC 5.4.5.2. | Spills of flammable or combustible liquids cleaned up promptly? | **[ ]**  | **[ ]**  | **[ ]**  |
| 8 | MFC 5.4.5.2. | Dust vacuum systems serviced and maintained properly? | **[ ]**  | **[ ]**  | **[ ]**  |
| 9 | MFC 5.4.5.2. | Clear space a minimum of 915mm (3ft) on all sides and above spray booth | **[ ]**  | **[ ]**  | **[ ]**  |
| 10 | MFC 5.4.5.2. | Observation panels meet design criteria for spray booth application | **[ ]**  | **[ ]**  | **[ ]**  |
| 11 | MFC 5.4.5.2. | Enclosed spray booths/rooms are provided with an adequate means of egress | **[ ]**  | **[ ]**  | **[ ]**  |
| 12 | MFC 5.4.5.2. | Spray areas kept free of excessive accumulations of combustible residues? | **[ ]**  | **[ ]**  | **[ ]**  |
| **N** |  | **POWDER APPLICATIONS** |  |  |  |
| 1 | MFC 5.4.5.2. | Automated powder application equipment protected by optical flame detection? | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 5.4.5.2. | Automatic shut down for energy sources and ancillary equipment installed, inspected and maintained? | **[ ]**  | **[ ]**  | **[ ]**  |
| **O** |  | **MIXING ROOMS** |  |  |  |
| 1 | MFC 4.2.9.5. | Explosion venting provided where class 1A and class 1B liquids are used, dispensed or stored in open containers within a storage room. | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 5.4.5.2. | Mixing room is constructed to meet code requirements? | **[ ]**  | **[ ]**  | **[ ]**  |
| 3 | MFC 5.4.5.2. | Mixing room does not exceed 14 m2 (150ft2)? | **[ ]**  | **[ ]**  | **[ ]**  |
| 4 | MFC 5.4.5.2. | Mixing room has spill containment? | **[ ]**  | **[ ]**  | **[ ]**  |
| 5 | MFC 5.4.5.2. | Mixing room has continuous ventilation operating at all times? | **[ ]**  | **[ ]**  | **[ ]**  |
| 6 | MFC 5.4.5.2. | Mixing room is equipped with automatic fire protection system? | **[ ]**  | **[ ]**  | **[ ]**  |
| 7 | MFC 5.4.5.2. | Mixing room is provided with portable fire extinguisher? (NFPA 10) | **[ ]**  | **[ ]**  | **[ ]**  |

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| **P** |  | **STORAGE** |  |  |  |
| 1 | MFC 4.2.9.1. | Storage densities of flammable and combustible liquids are not exceeded.  | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 5.4.5.2. | Storage cabinets in same fire area separated as required? | **[ ]**  | **[ ]**  | **[ ]**  |
| 3 | MFC 5.4.5.2. | Approved containers and tanks used for the storage and handling of flammable and combustible liquids?  | **[ ]**  | **[ ]**  | **[ ]**  |
| 4 | MFC 5.4.5.2. | All paint and solvent containers properly labeled? | **[ ]**  | **[ ]**  | **[ ]**  |
| 5 | MFC 5.4.5.2. | Storage rooms have explosion-proof lights and adequate ventilation? | **[ ]**  | **[ ]**  | **[ ]**  |
| 6 | MFC 5.4.5.2. | Gas cylinders properly chained? | **[ ]**  | **[ ]**  | **[ ]**  |
| 7 | MFC 5.4.5.2. | Oxygen and acetylene tanks stored separately? | **[ ]**  | **[ ]**  | **[ ]**  |
| **Q** |  | **ELECTRICA**L |  |  |  |
| 1 | MFC 2.4.7.1. | Electrical wiring and devices are suitable for proper Class, Zone and/or Division? | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 2.4.7.1. | All required bonding and grounding measures in place and used? | **[ ]**  | **[ ]**  | **[ ]**  |
| 3 | MFC 5.4.5.2. | Flexible Cords – Extra Hard Use Rated and proper seals provided | **[ ]**  | **[ ]**  | **[ ]**  |
| 4 | MFC 5.4.5.2. | Portable lights fixtures not used in spray area during spray operations? | **[ ]**  | **[ ]**  | **[ ]**  |
| 5 | MFC 5.4.5.2. | Static electricity prevention measures in place? | **[ ]**  | **[ ]**  | **[ ]**  |
| **R** |  | **LIFE SAFETY** |  |  |  |
| 1 | MFC 2.1.2.2. | F1 occupancy does not contain A2, B or C occupancies? | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 2.1.3.1. | Fire alarm system installed as required and fully functional? | **[ ]**  | **[ ]**  | **[ ]**  |
| **S** |  | **TRAINING** |  |  |  |
| 1 | MFC 5.2.1.2. | Hot work performed only by trained personnel in conformance with requirements of 5.2. | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 5.4.5.2. | Safe work procedures based on manufacturer’s instructions been established? | **[ ]**  | **[ ]**  | **[ ]**  |
| 3 | MFC 5.4.5.2. | Workers trained in the hazards of chemicals and in procedures for their safe use, spill clean-up and disposal? | **[ ]**  | **[ ]**  | **[ ]**  |
| 4 | MFC 5.4.5.2. | Emergency procedures established and all workers trained? | **[ ]**  | **[ ]**  | **[ ]**  |
| 5 | MFC 5.4.5.2. | Workers instructed in the proper use, maintenance and storage of all emergency, safety and PPE required for use? | **[ ]**  | **[ ]**  | **[ ]**  |
| 6 | MFC 5.4.5.2. | Documentation employed to record the type and date of training provided to each worker? | **[ ]**  | **[ ]**  | **[ ]**  |
| **T** |  | **FIRE SUPPRESSION EQUIPMENT** |  |  |  |
| 1 | MFC 5.4.5.2. | Spray area and mixing room provided with automatic fire suppression system? | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 5.4.5.2. | Sprinklers are protected from overspray residue? | **[ ]**  | **[ ]**  | **[ ]**  |
| 3 | MFC 5.4.5.2. | Sprinkler covers are changed frequently to prevent accumulation of paint residue? | **[ ]**  | **[ ]**  | **[ ]**  |
| **U** |  | **MAINTENANCE PROCEDURES** |  |  |  |
| 1 | MFC 5.4.5.2. | All discarded materials placed in a non-combustible container with tight fitting lid? | **[ ]**  | **[ ]**  | **[ ]**  |
| 2 | MFC 5.4.5.2. | Non combustible containers placed in designated storage location? | **[ ]**  | **[ ]**  | **[ ]**  |
| 3 | MFC 5.4.5.2. | Waste containers containing flammable liquids are located in ventilated areas? | **[ ]**  | **[ ]**  | **[ ]**  |
| 4 | MFC 5.4.5.2. | Procedure for storage of contaminated employee clothing in place? | **[ ]**  | **[ ]**  | **[ ]**  |
| 5 | MFC 5.4.5.2. | Paint containers stored in the flammable storage cabinet or room? | **[ ]**  | **[ ]**  | **[ ]**  |

**The following deficiencies have been identified and require the following corrective action(s), to be completed by the noted compliance date.**

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| **ID** | **MFC** **Article No.** | **Deficiency** | **Corrective Action** | **Compliance Date** |

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* Additional information as required may be made on additional pages, and shall become part of this inspection report.

**Administrative Penalty:**

The required corrective action(s) listed above are to be completed by the noted compliance date, or you may be subject to an Administrative Penalty, as provided for under section 15.1(1) of *The Fires Prevention and Emergency Response Act*

**Request for Review of Order**:

In accordance with *Section 15 of The Fires Prevention and Emergency Response Act (C.C.S.M.c. F80),* you have the right to request, in writing, a review of this order by the Manitoba Fire Commissioner within 14 days of issue, or the period specified for compliance if it is less than 14 days. Should you choose to waive that right; the order will be considered final. Your request must include:

1. a copy of the order
2. your name and contact information, and
3. the reason(s) for the request.

                                 Please submit your request to:                        Fire Commissioner

                                                                                                                Office of the Fire Commissioner

                                                                                                                600-401 York Ave.

                                                                                          Winnipeg, MB R3C 0P9

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| --- | --- |
| **Date** |  |
| **Inspector(s) Name** |  |
| **Inspector(s) Signature** |  |
| **Authority Having Jurisdiction** |  |
| **Address** |  | **Phone No.** |
| **Report provided to:** |  |  |

**This report is solely based on conditions existing on       . The Owner or their Authorized Agent shall be solely responsible for carrying out the provisions of the Manitoba Fire Code.**