

# INITIAL FIRE SAFETY INSPECTION REPORT

**Factory Name: Intimate Creations Limited**

**RSC ID: 24117**

**ADDRESS: Plot: 62-63, Sector: 07, South Haliashahar, CEPZ, Chittagong.**

Google co-ordinate: 22.29775, 91.77703

**Other Factories: None**



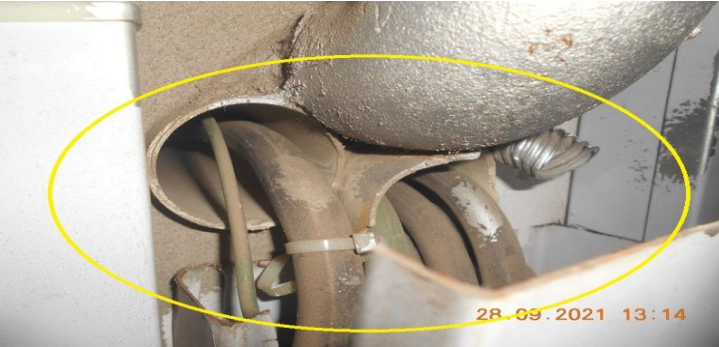
**Inspected By: Md. Ferdaus Jaman and Kamrul Hasan**

**Date: 28-Sep-2021**

## Findings & Recommendations :

Table 1 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue. An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the RSC for approval.

**Table-1: Building 01-Main Production Building**

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	<p>Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies.</p> <p><b>Location:</b> Lamination room and compressor room on ground floor.</p>	<p>Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level.</p> <p>Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.</p>	Within 3 months
				

2	Fire Rated Construction	The dining hall and wastage store on 1st floor are not separated by fire-rated construction.	Separate the dining hall by a minimum 2-hr fire rated construction. Seal and/or protect all openings to maintain the required fire separations.	Within 3 months
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3	Fire Rated Construction	Proper certification was not available for fire rated doors installed in the factory on each floor for all exit stairs, elevator shafts, generator rooms and storage rooms.	Submit proper certifications for installed fire doors to the RSC for approval. If not available, or certification is not approved, install new, properly certified fire rated doors in accordance with ACCORD direction.	Within 1 month
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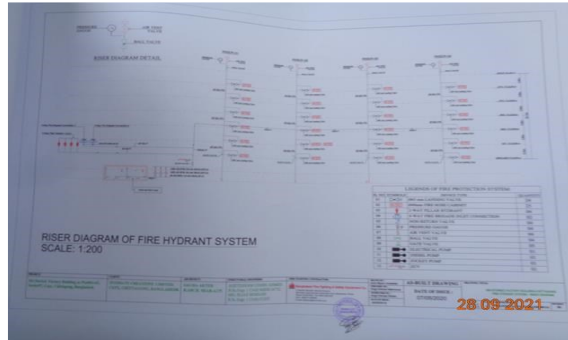
4	Fire Detection and Alarm System	Automatic fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval. Installation shall be as per the reviewed design with listed equipment.	Design within 2 months, Modification within 4 months
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5	Fire Protection System	The existing building has an occupied floor greater than 10 meter (33 feet) and requires standpipe system detailed review to confirm compliance with NFPA 14 and ACCORD standards.	Submit the as-built design of standpipe system to RSC in accordance with NFPA 14. Installation shall be as per the reviewed design with listed equipment.	Design within 2 months, Modification within 4 months
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6	Fire Protection System	Fire pump installation requires detailed review to confirm compliance with NFPA 20 and ACCORD standards.	Submit the as-built design of fire pump system to RSC in accordance with NFPA 20. Installation shall be as per the reviewed design with listed equipment.	Design within 2 months, Modification within 4 months
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7	Fire Protection System-ITM	Inspection, testing, and maintenance (ITM) for the fire detection system is not in accordance with NFPA 72.	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
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8	Fire Protection System-ITM	Inspection, testing and maintenance (ITM) of the standpipe system is not in accordance with NFPA 14.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 14 and ACCORD standards.	Within 3 months
9	Fire Protection System-ITM	Inspection, testing and maintenance (ITM) of the fire pump system is not in accordance with NFPA 20.	Inspect, test and maintain the fire pump system and keep written records on-site, in accordance with NFPA 20 and ACCORD standards.	Within 3 months
10	Inadequate Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. <b>Location:</b> Most of the floors.	Test the emergency lighting system on each floor and provide additional emergency fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 3 months



11	Directional Exit Sign	<p>The directional signs are not provided where there is a change in direction and where the continuation of the egress path is not obvious. Location: Sample section on 2nd floor.</p>	<p>Install illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.</p>	Within 1 month
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12	Egress Lighting (ITM)	Inspection, testing, and maintenance for the emergency lighting system were not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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