

INITIAL FIRE SAFETY INSPECTION REPORT

GM Apparels Ltd

RSC ID: 24288

280/2, Mehernagar, Dobadia, Uttarkhan, Uttara, Dhaka, 1230, Bangladesh

Other Factories: None



Inspected By: Ahammad Kabir & Yusuf Ahmed

Date: 22/11/2021

Findings & Recommendations :

Table 1 - summarize the fire safety non-compliant issues identified during the inspection. Recommendations have been provided to address each issue with specific remediation timeline.

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.

SI No.	Category	Findings	Required Action	Remediation Time Frame
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F-1	Fire Rated Construction	Exit Enclosures are not properly fire separated from other occupancy on each floor by fire rated construction due to non-functionality of installed fire rated doors. Location: Production Building	Provide minimum 1-hr fire rated separation in exit enclosures with minimum 1-hr fire rated doors and seal all unprotected openings and penetration to separate the exit stairs from work areas and other building spaces on all floor levels with similar rating of fire door. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.	Within 3 months
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F-2	Fire Rated Construction	First floor is not fire rated separated from the ground floor. Unsealed penetration exists between ground and first floor. Location: Production Building	Provide minimum fire resistance construction rating of 1 hour between ground and first floor according to Accord standard 4.5.7	Within 3 months
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F-3	Fire Rated Construction	The main structural element of the Production Building is constructed by steel which is non-rated and were found in exposed condition without any fire protection. Location: Production Building	The building shall be type-I or II construction. So, provide required rating in the structural elements of the building. Consult with a qualified fire protection engineer. Follow BNBC 2006-Table 3.3.1, 3.2.4 & 3.1.9.	Within 6 months
 				

F-4	Means of Egress	Building did not have stair designation signs at the required locations. Location: Production building & Administration building	Provide stair designation signs and occupant load signs at the required locations.	Within 1 month
F-5	Means of Egress	First floor has occupant load plan 362 with two exit stair arrangement Location: Production Building	Reduce the occupant load to 339 to meet the egress capacity.	Within 1 month
F-6	Egress Lighting (ITM)	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 1 month

F-7	Fire Alarm & Detection System (FADS)	Fire alarm and 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. Modification (if required) shall have to be done as per the reviewed design and NFPA-72. Upon review & modification (if required) the owner shall verify the system by himself and apply RSC for final acceptance testing.	Design within 2 months, Install within 4 months.
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F-8	ITM of Fire Alarm & Detection System (FADS)	Inspection, testing, and maintenance 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 1 month (After installation)
F-9	Fire Extinguishers ITM	Inspection, testing and maintenance record of portable fire extinguishers was not provided.	Inspect, test and maintain the portable fire extinguishers and keep written records onsite, in accordance with NFPA 10 and ACCORD standards.	Within 1 month