

FIRE SAFETY INSPECTION REPORT

H.I Apparels Ltd.

ACCORD ID: 23231

Ali Shah Road, Abbas Para, Loharpool, North Haliashahar , Chittagong, Bangladesh
(22.333476, 91.771176)

OTHER FACTORY (S): NONE



Inspected By: Dilip Kumar Mondal & Md. Ferdaus Jaman
Date: 4th August, 2019

Fire Safety Inspection Report

H.I Apparels Ltd.

Summary:

H.I Apparels Ltd. was surveyed for fire safety on 4th August 2019 by The Accord Inspection Team. The purpose of the survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the Accord. The scope of this initial fire safety inspection was limited to the review and identification of major fire safety issues. The inspection did not include identification of minor deficiencies, which will be further addressed as part of follow-up inspections. 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 Accord for approval.



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 Accord for approval.

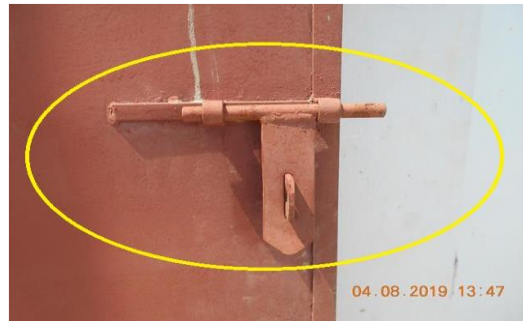
Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	Exit stairs were not found properly fire separated as there fire door installation and door interfacing work was in progress.	<p>Complete the separation work of the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr fire-rated construction.</p> <p>Provide minimum 1.5- hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire separation.</p> <p>Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies.</p> <p>If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.</p>	Within 2 months



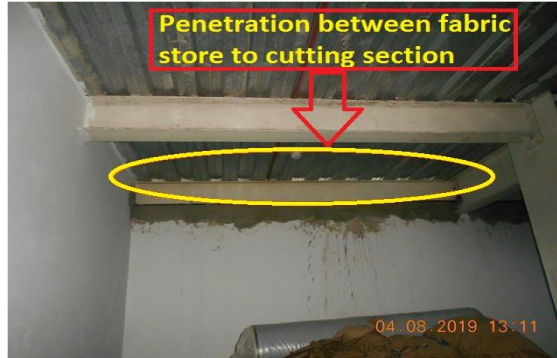


F-2	Egress	Egress gates on the ground floor is provided with locking features at exit.	Remove locking features from all egress gates. If locks are required for security reasons, utilize special door locking features complying with ACCORD standard 6.8.2.	Immediately
-----	--------	---	---	-------------



F-3	Fire Rated Construction	Unsealed penetrations were found between fabric store and cutting section on ground floor. Unsealed penetrations were found between generator, boiler and compressor room on ground floor.	Seal and/or protect all openings to maintain the required fire separations.	Within 2 months
-----	-------------------------	---	---	-----------------





F-4	Fire Rated Construction	Unsealed penetrations and openings are located in the exit stair enclosures. Location: Dining to stair-2 on 4th floor.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separations.	Within 3 months
-----	-------------------------	--	--	-----------------



F-5	Fire Rated Construction	Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies. Location: Electrical riser penetration on all floors.	Seal all penetrations and openings in floors/ceiling assemblies to maintain the required fire separation.	Within 3 months
-----	-------------------------	--	---	-----------------





F-6	Fire Rated Construction	<p>Since the structure is steel-composite type and all the RCC panels are resting on the steel columns and girders. Hence, each floor of the building is not separated by a fire resistive rated construction barriers.</p>	<p>Provide fire-resistive rated construction barriers between floors following Section 4.4 and Table 4.4.1 of the Accord Standard or Table 3.3.1 and Table 4.1.1 from BNBC Part 4. Consult a qualified fire protection engineer to design the rated construction barriers.</p>	Within 4 months
-----	-------------------------	---	--	-----------------



F-7	Egress	<p>Proper certification was not available for fire rated doors installed in the factory.</p>	<p>Submit proper certifications for installed fire doors to the ACCORD for approval. If not available, or certification is not approved, install new, properly certified fire rated doors in accordance with ACCORD direction.</p>	Immediate
-----	--------	--	--	-----------






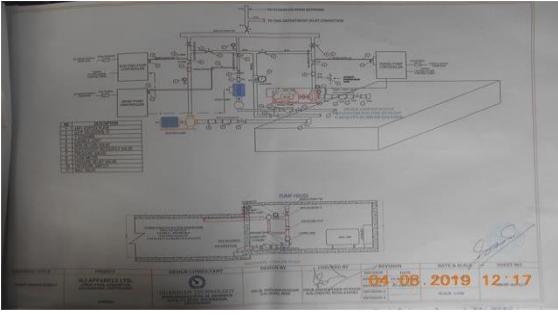
F-8	Fire Detection and Alarm System	The automatic fire alarm and detection system installation work is almost completed in the factory.	Submit the as-built design of fire alarm system to Accord in accordance with NFPA 72 for review. Installation shall be completed as per the reviewed design with a listed Addressable Fire Alarm System.	Within 4 months
-----	---------------------------------	---	--	-----------------




F-9	Fire Protection System	The existing building has an occupied floor greater than 10 meter (33 feet) and installed standpipe system requires detailed review to confirm compliance with NFPA 14 and ACCORD standards.	Submit the as-built drawing of standpipe system to Accord in accordance with NFPA 14. Installation shall be completed as per the reviewed design with listed equipment.	Within 4 months
-----	------------------------	--	---	-----------------





F-10	Fire Protection System	Fire pump installation is almost completed. Installed fire pump requires detailed review to confirm compliance with NFPA 20 and ACCORD standards.	Submit the as-built design of fire pump system to Accord in accordance with NFPA 20. Installation shall be completed as per the reviewed drawing with listed equipment.	Within 4 months
				
F-11	Fire Detection and Alarm 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
F-12	Fire Protection System (ITM)	Inspection, testing and maintenance (ITM) of the standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25 and ACCORD standards.	Within 3 months



F-13	Fire Protection System (ITM)	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 25.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 25 and ACCORD standards.	Within 3 months
F-14	Fire Protection System (ITM)	Inspection, testing and maintenance of the fire pump system is not in accordance with NFPA 25.	Inspect, test and maintain the fire pump system and keep written records on-site, in accordance with NFPA 25 and ACCORD standards.	Within 3 months
F-15	Emergency Lighting	The directional signs are not provided where there is a change in direction and where the continuation of the egress path is not obvious.	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.	Within 1 month
				
F-16	Emergency Lighting	Manual on-off switch is provided for emergency lighting/exit signage units.	Remove manual on/off switches from emergency lighting /exit signage units to prevent them from being switched off.	Within 1 month





F-17	Emergency Lighting-ITM	Inspection, testing, and maintenance (ITM) 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
F-18	Emergency Lighting-ITM	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10.	Inspect, test and maintain the portable fire extinguishers and keep written records onsite, in accordance with NFPA 10 and ACCORD standards.	Within 3 months

