

FIRE SAFETY INSPECTION REPORT

Fin Bangla Apparels Ltd

ACCORD ID: 12893

**72, Degarchala Road, Chaydana, National University, Gazipur.
(23.963963, 90.384597)**

OTHER FACTORY (S): NONE



ACCORD
on Fire and Building Safety in Bangladesh

Inspected By: Nasif Javed Tofa

Date: 31 July, 2017

Fire Safety Inspection Report

Fin Bangla Apparels Ltd

Introduction:

Fin Bangla Apparels Ltd was surveyed for fire safety on 31/07/2017 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.

Limitations:

The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and therefore, The Accord cannot accept general responsibility for omissions or errors arising from inaccuracies in this report from the information obtained.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, risks or exposures or that hazards, risks or exposures not referred to in this report do not exist. Compliance with the findings and recommendations stated in this report does not relieve the factory owner from obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.



General Factory Information:

Factory Building Name: Fin Bangla Apparels Ltd (4 Storied RCC building)

Factory Address: 72, Degerchala Road, Chaydana, National University, Gazipur.

Points of contact:

<p>Name: Sardar Atikur Rahman Designation: Head of HR, Admin & Compliance Mobile No: +88 01812-650883 E-mail: finbanglabd@gmail.com</p>	<p>Name: Goutam Kumar Roy Designation: Executive Director Mobile No: +88 01720-130566 E-mail: goutam@finbanglabd.com</p>
---	--





Findings & Recommendations :

Following table 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.

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire-rated construction(Fire door parts were missing for installed doors, corrugated metal roof, toilet facilities at stair landing etc.).	Provide minimum 1-hr rated doors for buildings with 3 or fewer stories and 1.5-hr fire rated doors for buildings that are 4 or more stories. Seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. 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. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets. (Factory shall ensure that all the door parts are installed and function properly)	Within 3 months





2	Fire Rated Construction	<p>Rooms used for combustible storage are not separated by fire rated construction properly. (Fire door parts like smoke seal, door coordinators were missing)</p> <p>Location: Finished good and fabric store on ground floor.</p>	<p>Provide dedicated storage room separated by minimum 1-hr fire-rated construction. Seal all the unseal penetrations. (Factory shall ensure that all the door parts are installed and function properly)</p>	Within 3 months
---	-------------------------	--	---	-----------------



3	Fire Rated Construction	<p>Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies. Location: electrical cable riser penetration at south-east corner of the building.</p>	<p>Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.</p>	Within 3 months
---	-------------------------	--	--	-----------------



4	Fire Rated Construction	<p>Unsealed penetrations and openings are located in the exit stair enclosures. Location: Elevator shaft at stair-3 and 1.</p>	<p>Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separations.</p>	Within 3 months
---	-------------------------	---	---	-----------------





5	Fire Rated Construction	<p>[Hazardous materials / flammable liquid storage] area is not separated by fire-rated construction (openings, non-rated doors, penetrations). Location: Gas cylinder in front of compressor room</p>	<p>Separate the hazardous materials / flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and/or protect all openings to maintain the required fire separations</p>	Within 3 months
---	-------------------------	--	---	-----------------



6	Egress	The width of egress aisles is less than 36-inch.	Provide minimum aisle widths of 36-inch. All the aisles shall be free from any kind of obstruction.	Within 3 months
---	--------	--	---	-----------------



7	As Built Fire Detection System	Fire detection system installation requires modification and 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 ACCORD for review and approval	Design 1 month, modification within 5 months
---	--------------------------------	--	---	--





8	Fire Detection ITM	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 3 months
9	Standpipe System	The existing building has an occupied floor greater than 10 meter (33 feet) and a system was found which is not fully installed requires modification and detailed review to confirm compliance with NFPA 14 and ACCORD standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval	Design within 1 months, Install within 6 months





10	Standpipe ITM	Inspection, testing and maintenance 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
11	Inadequate Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	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





12	On/Off Switch	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
----	---------------	---	--	----------------



13	Emergency Lighting ITM	Inspection, testing, and maintenance for the emergency lighting system was 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
14	Egress	Storage was located under exit stair on ground floor.	Remove storage from the exit stairs and egress path	Immediate



15	No Parapets or Guards	Parapets or guards are provided in occupied roof which is less than 1067mm (42 inch.).	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 3 months
----	-----------------------	--	--	-----------------





16	No Handrails	Handrails are not provided on both sides of each exit stairs on all floors. Having handrails on one side of said staircase, may pose as a falling hazard during evacuation.	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.)	Within 3 months
----	--------------	---	--	-----------------



17	Unprotected Exterior Discharge Path	The exit discharge path serving stair-4 is less than 10 ft. wide and is not separated from the building interior.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft., to provide a minimum 1-hr fire separation.	Within 3 months
----	-------------------------------------	---	---	-----------------



18	Stair Designation	Building did not have stair designation signs at the required locations.	Provide stair designation signs at the required locations.	Immediate
----	-------------------	--	--	-----------



19	Fire Extinguishers 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

