

FIRE SAFETY INSPECTION REPORT

Factory Name: Sadia Fashion Wears Ltd.

ACCORD ID: 23933

ADDRESS: Talla Road, Khapur, Fatullah, Narayangonj, 1400 (23.655839, 90.501121).

Other Factories: None



Inspected By: Nirmal Chandra Sinha, Md. Tarif Raihan & Md. Anisuzzaman

Date: 04-Feb-2020

Fire Safety Inspection Report

Factory Name: Sadia Fashion Wears Ltd

Introduction:

Sadia Fashion Wears Ltd. complex was surveyed for fire safety on **04 February 2020** 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.



Table-1: Findings & Recommendations

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	The exit discharge path is less than 10 ft. wide and is not separated from the building. Location: Between building-1 & 2; Between building-3 & 4; Between building-4 & 5.	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. Alternatively, provide a second remote discharge path to the public way (only include this if feasible).	Within 3 months
				



2	Fire Rated Construction	The boiler and air compressor rooms are not separated by fire rated construction from cutting shed (openings, non-rated doors, penetrations). Also, Boiler and compressor are not separated by fire rated construction from each other.	Separate the boiler and air compressor rooms by a minimum 2-hr fire-rated construction from cutting shed as well as from each other. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months
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3	Fire Rated Construction	Liquefied or compressed gas (LPG/CNG) cylinders were located within the factory on the ground floor. Location: Between building-1 & 5.	The storage or use of liquefied or compressed flammable gas cylinders shall be prohibited within the factory building. Remove the LPG/CNG cylinder which is used as a fuel source from the factory premises/compound.	Immediately
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4	Fire Rated Construction	Storage rooms and process areas used for combustible storage are not separated by fire rated construction. Location: Building-1, 3 & 4.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.45m (8ft.) and maximum area of 23m ² (250 ft ²) – If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m ² (1,000 ft ²). Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).	Within 3 months
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5	Fire Rated Construction	Building-2 exit discharge to the interior of the covered area between the exterior wall of building-1 and the exterior wall of an adjacent building.	Modify exit to discharge directly outside or Provide 2- hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas).	Within 3 months
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6	Fire Rated Construction	The newly constructed production shed building-1 is not fire rated construction.	Newly construction building shall be Type-1 & Type-2 construction in accordance with Accord building standard 3.5.2.1 and BNBC part-2 Table-3.2.4. Provide fire-resistive rated construction barriers 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.	Within 4 months
				



7	Fire Detection	An addressable fire alarm system has installed in the factory building premises. Fire detection system installation requires to detailed review to confirm compliance with NFPA 72 and Accord standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the Accord for review and approval.	Design submission (Within 2 months), Modification within 4 months (if required)
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8	Fire Detection	Inspection, testing, and maintenance for the fire alarm system were not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 1 month (after complete installation)
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9	No smoking sign	The required no smoking signs are not present in the factory premises.	Smoking is prohibited in any garment factory building or separate storage building. Signs shall be posted in Bengali and English at all building entrances. If the factory creates a designated smoking area outside the building, information of these areas will be posted on the signs.	Within 1 month
10	ITM of Fire extinguisher	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.	Within 1 month
11	Directional exit sign	Exit sign with directional arrow are not provided at the factory buildings.	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





12	Egress Lighting	Manual on-off switch is provided for emergency lighting / exit sign units in all factory buildings.	Remove manual on/off switches from emergency lighting / exit signage units to prevent them from being switched off.	Within 1 month
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13	ITM of Emergency Lighting	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 1 month
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