

FIRE SAFETY INSPECTION REPORT

Factory Name: Rezaul Apparels (Pvt) Ltd

ACCORD ID: 22972

ADDRESS:

Plot No: 371-372, BSCIC Industrial State, Konabari, Gazipur

Other Factories: None



Inspected By: Mohammad Atick Al Zaman, Kazi Raian Mahmood

Date: 19 December, 2017.

Fire Safety Inspection Report

Factory Name: Rezaul Apparels (Pvt) Ltd

ADDRESS: Plot No: 371-372, BSCIC Industrial State, Konabari, Gazipur


Summary:

Rezaul Apparels (Pvt) Ltd was surveyed for fire safety on 19th December 2017 by The Accord Inspection Team. This summary identifies the major deficiencies that were identified during the inspection. The purpose of this 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.

SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
1	Fire Rated Construction	The exterior exit stair is not separated from the building. Non rated wall & unprotected openings to external exit stairs have been observed.	<p>Exterior exit stairs shall be separated by minimum 1-hr fire-rated construction and The rating of the exterior wall shall extend 3.05 m (10 ft.) beyond the ends of the stair structure. Provide minimum 1-hr fire rated doors (if required) to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, positive latching and that they are provided with fire exit (panic) hardware where serving production floors.</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 3 Months	






SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	Fire Rated Construction	Generator, Transformer, Boiler and Compressor room are not properly separated by fire rated construction with other Occupancies	<p>1. Service rooms shall be separated from other occupancies by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) should be protected by 1.5-hr fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location.</p> <p>Or</p> <p>Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.</p>	Within 03 Months	  






SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
3	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed.	Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated materials to maintain the fire resistance rating. Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	With in 3 months	 




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4	Egress	Doors along means of egress are provided with non compliant locking system.	<ol style="list-style-type: none"> 1. Remove all non compliant locking features from egress doors. 2. If locks are required for security reasons, utilize special door locking features complying with NFPA 101. 3. Doors may be locked where the latch and lock are disengaged with one motion where the occupant load does not exceed 49 persons. 4. Doors may be provided with locking hardware from the ingress side provided that a panic bar is installed on any door with an occupant load exceeding 49 persons. 	Immediate	 
5	Storage Areas	Rooms used for combustible storage on the ground floor are not separated by fire-rated construction. Location: Office building.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 Months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
6	Fire Alarm & Detection System	The factory has been designed & installed the addressable fire alarm system without having approval from AHJ (Authorities Having Jurisdiction). Note: They have submitted the as-built design/drawing of fire alarm system to Accord.	Existing addressable fire alarm & detection system shall be designed & installed as per NFPA 72. Modify the system (if required) after getting approval from AHJ.	Within 06 Months	  
7	Fire Alarm & Detection System	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Within 3 Months	<div style="text-align: center; background-color: #f0f0f0; padding: 20px; border: 1px solid #ccc;"> <p>ADD PHOTO</p> </div>



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
8	Portable Fire Protection System	Inspection, testing, and maintenance of the portable fire extinguisher system is not in accordance with NFPA 10 or as per Accord standard.	Inspect, test and maintain the portable fire extinguisher system and keep written records on-site in accordance with NFPA 10 or as per Accord standard.	Within 1 month	
9	Inspection, testing, and maintenance	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	
10	Fire Protection	The existing factory building with an occupiable floor greater than 10 m (33 ft) above the finished grade is not protected with an approved standpipe system. Reviewed design was not found during follow-up inspection	Submit the as-built design of fire fighting system to Accord in accordance with NFPA 14 & installation should be as per the reviewed design	Design submission with in 4 months and Installation with in 9 months after receiving reviewed design	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
11	Fire Protection	Inspection, testing, and maintenance for the Standpipe system is not in accordance with NFPA 14 or as per Accord standard.	Inspect, test and maintain the standpipe system, and keep written records on-site, in accordance with NFPA 14 or as per Accord standard.	Within 3 Months	

