

FIRE SAFETY INSPECTION REPORT

**INTERFAB SHIRT MFG CO.
302 / 547 GASA UNION RD, GAZIPUR**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

Bangladesh Accord
Foundation

April 3, 2014

SUMMARY

Interfab Shirt Mfg Co. was surveyed for fire safety on 03-04-2014 by Hughes Associates, Inc. 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.

Tables 1 - 3 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 And Recommendations - Interfab Shirt Mfg Co. Building 2

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Egress	Egress doors / gates with locking features are provided at building exits and exit discharge.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
F-2	Egress	Collapsible gates / sliding doors are provided at building exits, exit discharges throughout the factory.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month



F-3	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is 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 3 months
F-4	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes on ground or first floor.	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



Table 2. Findings And Recommendations - Building #1

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	The exit stairs are not separated from work areas on each floor by fire-rated construction.	<p>Provide minimum 1.5-hr fire rated doors and 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.</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



F-2	Egress	Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge all exits.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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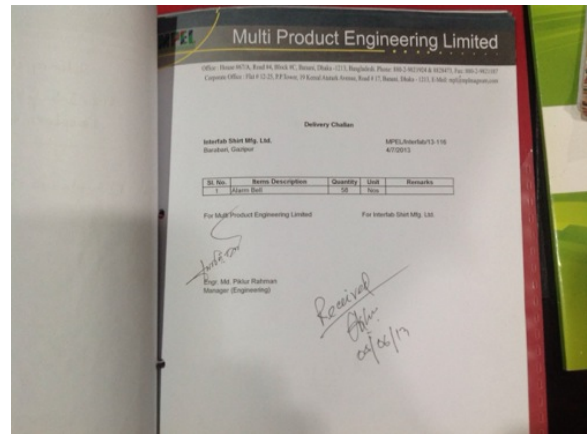
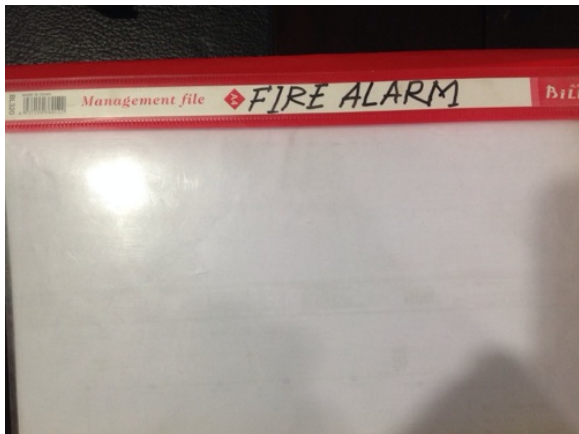
F-3	Egress	Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes, exit discharge throughout the entire facility.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
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F-4	Egress	The width of egress aisles is less than 36-in along south wall floor 3.	Provide minimum aisle widths of 36-in.	Within 3 months
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F-5	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is 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 3 months
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Monthly Maintenance Schedule
Fire Safety Equipment

Date	Location	DCP @ CO2	Smoke Detector	Hydrant	Others
01.03.14	01 st Floor	2	2	2	
02.03.14	01 st Floor	2	2	2	
03.03.14	01 st Floor	2	2	2	
04.03.14	01 st Floor	2	2	2	
05.03.14	01 st Floor	2	2	2	
06.03.14	01 st Floor	2	2	2	
07.03.14	01 st Floor	2	2	2	
08.03.14	01 st Floor	2	2	2	
09.03.14	Old Cutting	2	2	2	
10.03.14	Old Cutting	2	2	2	
11.03.14	New Cutting	2	2	2	
12.03.14	New Cutting	2	2	2	
13.03.14	Floor Change	2	2	2	
14.03.14	Floor Change	2	2	2	
15.03.14	Floor Change	2	2	2	
16.03.14	Floor Change	2	2	2	
17.03.14	Fire panel	2	2	2	
18.03.14	Carpet	2	2	2	
19.03.14	Carpet	2	2	2	
20.03.14	Store	2	2	2	
21.03.14	Fluor	2	2	2	
22.03.14	W/ House	2	2	2	
23.03.14	Sample	2	2	2	
24.03.14	Barfing	2	2	2	
25.03.14	Replace Data	2	2	2	
26.03.14	Office	2	2	2	
27.03.14	House pipe	2	2	2	
28.03.14		2	2	2	
29.03.14	Hydrant piping	2	2	2	
30.03.14	Top House pipe	2	2	2	
31.03.14	Replace Data	2	2	2	

F-6 Egress Lighting Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes throughout the factory. 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



Table 3. Findings And Recommendations - Extension

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Egress	<p>Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge.</p> <p>Both sliding doors and gates are in use. One of these devices can be found on all doors in the facility.</p>	<p>Remove locking features from all egress doors / gates.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Immediate





F-2	Egress	Exit stairs discharge inside the building. First floor exit discharge on working area of ground floor and not directly to the exterior of the factory.	Modify stair to discharge directly outside, or provide 2-hr fire-rated exit passageway leading directly outside.	Within 6 months
F-3	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is 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 3 months
F-4	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. This condition can be found throughout the first and ground floor.	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

