

FIRE SAFETY INSPECTION REPORT

FACTORY: PROBRIDHI APPAREL LTD.

ACCORD ID: 12421

ADDRESS: Kawya, Chonnapara, Sreepur, Gazipur- 1740

Other Factories: None



Inspected By: Md. Mah mudur Rahman & Muzaddir Alfi Sani

Date: 12/06/2016

Fire Safety Inspection Report

Factory Name: PROBRIDHI APPAREL LTD.

Introduction:

PROBRIDHI APPAREL LTD. complex was surveyed for fire safety on 12/06/2016 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(s): PROBRIDHI APPAREL LTD.

Factory Address: Kawya, Chonnapara, Sreepur, Gazipur- 1740

Points of contact:

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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
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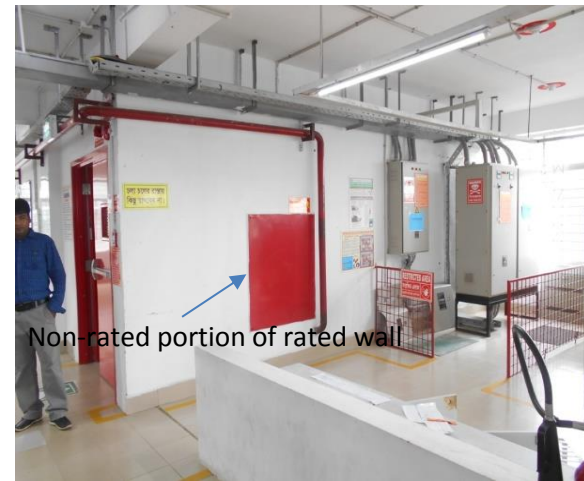
1 Fire Rated Construction

The exit stairs are not separated from [work areas, other spaces] on each floor by fire-rated construction. Unsealed penetration has been found due to wrong installation of non-rated hose box. However, fire doors were found open during working hour but those are not tied with fire alarm system by automatic closing devices. Moreover, door closer was not found with the small part of double leaf door.

Stair shall be enclosed with a minimum 2-hr fire-rated construction. Seal all unprotected openings and provide minimum 1.5-hr fire rated doors 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.

If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.

Within 3 Months



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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2

Fire Rated Construction



Areas used for in-process storage of combustible materials are open to the surrounding occupancy . Location: Ground floor, Second floor, Third floor.

Provide defined storage areas and limit the storage arrangement as follows:-


1. General Condition:
Maximum height of 2.4m and maximum area of 23m².
Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.
2. If sprinkler protected:
maximum height of 3.66m and maximum area of 93m².
Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.
- or
3. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.

Within 3 Months




SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
3	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas. Location : Ground floor, Third floor, Forth floor.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 Months	 



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
4	Fire Rated Construction	The dining area is not separated from adjacent production floor area by fire rated construction.	Separate the dining area by a minimum 2-hr fire-rated construction having a direct access to exit stair. Seal and/or protected all openings to maintain the required fire eparations.	Within 3 Months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
5	Fire Rated Construction	Penetrations through floor/ceiling assemblies are found unsealed. Location : Third floor.	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. Or Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 3 Months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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6 Fire Rated Construction

Compressor or furnace room is not properly separated by fire rated construction from west egress path.

Compressor or other heat producing equipment shall be separated from other occupancies by a minimum 1-hr (2-hr for highrise building) fire rated construction (wall, floor, slab etc). Seal all penetrations and openings (door, window etc.) should be protected by 0.75-hr (45 min) 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.
Or
Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.

Within 3 Months



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
7	Fire Rated Construction	Flammable gas storage area is not separated by fire-rated construction (openings, non-rated doors, penetrations) from the Boiler and Generator room.	Separate the flammable gas cylinder storage area by a minimum 2- hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 Months	 



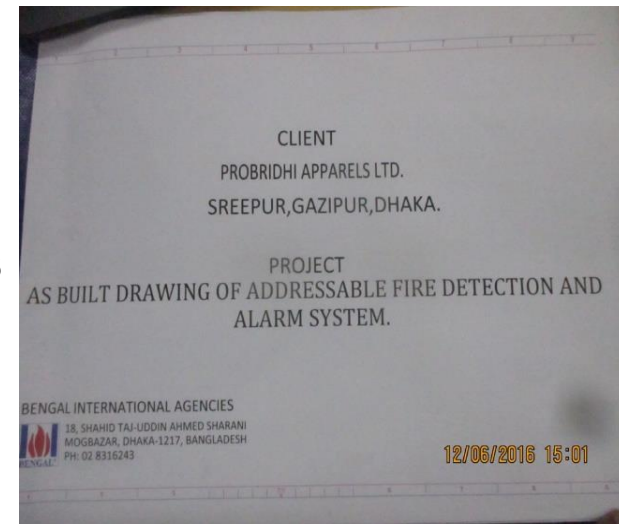
SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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8 Fire Alarm & Detection System

The addressable fire alarm system installation is going on without approval from AHJ.

Submit As-Built drawing to AHJ for approval and replace or modify the fire alarm system in accordance with NFPA 72.

Within 2 months (Design submission) & 6 months (Installation)



9 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



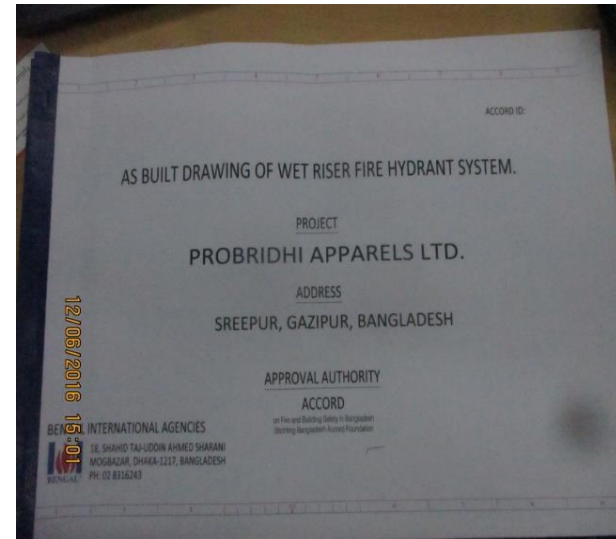
SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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10
Water Based Fire Protection System

The standpipe system installation is going on without approval from AHJ.

Submit As-Built drawing to AHJ for approval and replace or modify the standpipe system in accordance with NFPA 14.

Within 2 months (Design submission) & 6 months (Installation)



11
Water Based Fire Protection System

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 fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.

Within 3 Months



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
12	Water Based Fire Protection System	Inspection, testing, and maintenance for the fire pump is not in accordance with NFPA 20 or as per Accord standard.	Inspect, test and maintain the fire pump and keep written records on-site, in accordance with NFPA 20 or as per Accord standard.	Within 3 Months	ADD PHOTO
13	Egress Lighting	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	ADD PHOTO

