

# FIRE SAFETY INSPECTION REPORT

**Factory Name: ABSS High Tech Sweater Ltd.**

**ACCORD ID: 12407**

**ADDRESS: Kalameshar, Board Bazar, Gazipur**

**Other Factories: None**



**Inspected By: Nusrat Hossain Trisha & Raju Ahmed**

**Date: 10 May 2016**

# Fire Safety Inspection Report

Factory Name: ABSS High Tech Sweater Ltd.

## Summary

ABSS High Tech Sweater Ltd. was surveyed for fire safety on 10/05/2016 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	Generator/ transformer room is not properly separated by fire rated construction from the stair which is used for going to the prayer room at south-east corner of the factory premises.	<p>Generator/ transformer room shall be separated from the stair by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) shall 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, relocate the prayer room in a safe place.</p>	Within 3 months	




SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	Fire Rated Construction	Areas used for in-process storage of combustible materials are open to the surrounding occupancy	Provide defined storage areas and limit the storage arrangement as: Maximum height of 2.4m and maximum area of 23m <sup>2</sup> . Separate areas of unenclosed combustible storage by a minimum clear distance of 3m	Within 3 months	
3	Fire Rated Construction	Room used for storage of combustible materials (yarn store) is not separated from the surrounding occupancy (winding section, office)	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	Egress	Collapsible/ sliding type doors have been provided along means of egress (building exits, along egress routes, exit discharge).	<p>Replace all collapsible/ sliding type doors &amp; gates by the side-hinged swinging type doors.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Within 1 month	
5	Egress	Doors along means of egress are provided with non compliant locking system	<p>1. Remove all non compliant locking features from egress doors.</p> <p>2. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Immediate	





SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
6	Egress	Building did not have occupant load signs at required locations.	Provide occupant load signs at required locations.	Within 1 month	
7	Fire Alarm System	The existing fire alarm system is not a listed system and does not provide automatic alarm and notification features consistent with acceptable standards	Remove single station smoke alarms. Replace the fire alarm system with a new, listed automated fire alarm system in accordance with NFPA 72	Design within 4 months; install within 9 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
8	Fire Alarm 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	
9	Fire Protection	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 on-site, in accordance with NFPA 10 and ACCORD standards.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
10	Emergency Egress 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	
11	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 3 months	





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