

FIRE SAFETY INSPECTION REPORT

Designtex Knitwear Ltd.

ACCORD ID: 23440

Beraiderchala, Sreepur, Gazipur

Co-ordinate: 24.193092 , 90.416068

Other Factories: None



Inspected By: Md. Abidur Rahman

Date: 16 September, 2018

Fire Safety Inspection Report

Factory Name: Designtex Knitwear Ltd.

Introduction:

Designtex Knitwear Ltd. complex was surveyed for fire safety on **16/09/2018** 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.



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.



Table-1: Production Building

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction. Location: 2nd & 3rd Floor.	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:- 1.Maximum height of 2.4m and maximum area of 23m² 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.	Within 1 month



F-2	Fire Rated Construction	Exit Stair enclosure is not fire separated from the interior of the production area on 1st Floor (Stair A & Stair B)	separate the exit stairs from the work areas and other building spaces with 2 hr. fire rated materials.	Within 3 months
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F-3	Fire Rated Construction	Exit stair Discharge point (Stair A & B) on ground floor do not discharge the occupants directly outside the factory building. Moreover, unsealed penetration from the storage room (Bonded Warehouse) & Production area (Washing Section) was present with the exit stair discharge path.	Either modify the discharge point to discharge directly outside the building or, provided 2 hr. fire rated exit passageway to discharge directly outside the building. Seal all the penetration with 2 hr. fire rated materials.	Within 3 months
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F-4	Means of Egress	Non-compliant Locking features were noted along the means of egress on 1st, 2nd & 3rd Floor	Replace all the non-compliant locking features with the compliant locking features as per NFPA 101	Immediate
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F-5	Means of Egress	Clear Width of aisles was less than 36 in.	Provide 36 in. width of aisles along the means of egress	Immediate
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F-6	Means of Egress	No Fire Drill record was found during the time of inspection	Fire drills shall be conducted on a quarterly basis as outlined in BNBC Part 4 Appendix A for all garment facilities. Fire drills shall be conducted under the direction of a Fire Safety Director.	Within 1 month
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F-7	Means of Egress	No smoking sign was not found at required locations.	Provide no smoking sign at required locations as per standard.	Immediate
F-8	Fire Alarm & Detection System	Fire alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval. If installed system requires modification or alteration then all the applicable works shall have to be accomplished as per NFPA-72	Within 3 months
 				



F-9	Inspection, Testing & maintenance (Fire Alarm)	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
F-10	Fire Protection System	Installed standpipe system requires detailed review to confirm compliance with NFPA 14,20,25 & 72 and ACCORD standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval. If installed system requires modification or alteration then all the applicable works shall have to be accomplished as per NFPA-14,20,25 & 72	Within 3 months
F-11	Inspection, Testing & maintenance (Standpipe System)	Inspection, testing, and maintenance for the Standpipe System is not in accordance with NFPA 25 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 25 or as per Accord standard.	Within 3 months



F-12	Emergency Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed.	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
F-13	Inspection, Testing & maintenance (Emergency Lighting)	Inspection, testing, and maintenance of emergency lighting system is not in accordance with NFPA 101 or as per Accord standard.	Inspect, test and maintain the automatic sprinkler system, and keep written records on-site, in accordance with NFPA 101 or as per Accord standard.	Within 3 Months
F-14	Inspection, Testing & maintenance (Extinguisher)	Installed Fire Extinguishers are not inspected as per NFPA-10	Inspect, test and maintain the extinguisher in accordance with NFPA 10 or as per Accord standard.	Within 3 Months

