

INITIAL FIRE SAFETY INSPECTION REPORT

Factory Name: CORTZ APPARELS LTD (UNIT 2) Extended Shed

Factory ID: 24218

Google Co-ordinate: 23.9885044, 90.3629381

ADDRESS: Hakim master complex, Newjor, kadda, Gazipur

Other Factories: CORTZ APPARELS LTD (UNIT 2) (11731)



Inspected By: Mohammad Atick Al Zaman & Md. Foysal Ahmed

Date: 19.09.2021

Fire Safety Inspection Report

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Introduction:

CORTZ APPARELS LTD (UNIT 2) Extended Shed was surveyed for fire safety on 19 October, 2021 by The RSC 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 RSC. 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 RSC 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 RSC for review/approval.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	Room used for combustible storage are not separated by fire rated construction located at several floors	Separate the storage room by a minimum 1- hr fire-rated construction. Seal and/or protect all openings to maintain the required fire separations. Openings from exit enclosure to storage spaces shall be provided with a vestibule with fire rated construction and openings. Provide a 1.5-hr. fire rated door on the exit stair side and a 1-hr. fire rated door on the storage room side. Ensure that the fire rating of the vestibule construction matches that of the exit stair enclosure	Within 3 months



2	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction located at several floors	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: - Maximum height of 2.4m and maximum area of 23m² - 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 3 months
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3	Fire Rated Construction	Dining area is not separated from other occupancies with fire rated assemblies.	Re-locate the dining area or separate the dining area from other occupancies with 2-hr fire rated construction.	Within 3 months
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4	Fire Rated Construction	South side exit discharge inside the main production building on the ground floor.	Provide 2-hr fire-rated exit passageway leading directly outside. - Modify stair to discharge directly outside. - Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). - Provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 3 months
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5	Fire Alarm & Detection System	Fire detection 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 RSC for review and approval	Design within 2 months, Install within 4 months (If modification required)
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6	Fire Detection System(ITM of FADS)	Inspection, testing, and maintenance for the fire detection system is not in accordance with NFPA 72	Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72. (After installation)	Within 3 months
7	Inspection Testing and Maintenance of Portable Fire Extinguisher. (ITM)	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 onsite, in accordance with NFPA 10 and ACCORD standards	Within 3 months

8	Inspection, testing, and maintenance of the emergency lighting system (ITM).	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard	Inspect, test and maintain the emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
9	Egress lighting	Exit sign and Directional Sign are not provided at and towards exit at several floors	Lighted exit signs shall be placed at entrance to an exit. Additional exit signs shall be placed throughout the facility anywhere the continuation of the egress is not obvious. Lighted exit signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated.	Within 1 month



10	Means of Egress	Fire evacuation map is not posted at the entrance in some exit stairs	Fire evacuation maps shall be posted at the entrance to each exit stair	Within 1 month
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