

FIRE SAFETY INSPECTION REPORT

Essential Clothing Ltd. (Extension)

Factory ID: 24541

Akulichala, Sakashor, Maddha Para, Kaliakoir, Gazipur

24.063466, 90.315028

Other Factories in the Premises: Essential Clothing Ltd. (12289)



Inspected by: Md. Rakibul Alam

Date: 23 January 2023



Fire Safety Inspection Report

Essential Clothing Ltd. (Extension)

Summary

Essential Clothing Ltd. (Extension) complex was surveyed for fire safety on 23 January 2023 by The RSC 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 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.



Table 1. Findings And Recommendations

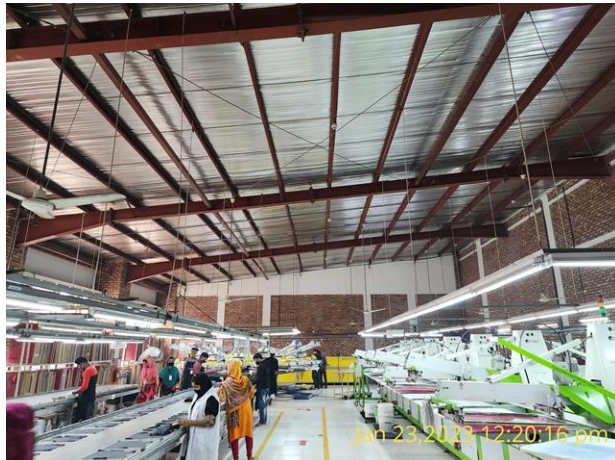
No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Protection	The fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC standard.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and then approval/acceptance test.	Within 4 months
 				
F-2	Fire Rated Construction	Rooms used for combustible storage and diesel storage is separated by 2-hr fire rated doors however certification number not found in the label.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months





F-3	Egress	Building did not have occupant load sign at required locations.	Provide occupant load sign at each and every exits	Within 1 month
F-4	Fire rated Construction	The factory sheds is steel construction which appears to be nonrated and were found in exposed condition. (Construction date was Jan 2016 – Feb 2017, thus the interim building shall meet BNBC 2006) (Building 4 and 5)	Interim construction shall be Type-1 or Type-2 construction in accordance with RSC standard 3.5.2.1 and BNBC-2006 Part-2, Table-3.2.4. Ensure fire resistive rated construction following Section 4.4 and Table 4.4.1 of the RSC Standard or Table 3.3.1 and Table 4.1.1 from BNBC-2006 Part 4. Consult a qualified fire protection engineer to achieve the required fire rating. Chemical storage shall be Type-1 construction. (Building 4)	Within 6 months





F-5	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Specify location(s)	Test the emergency lighting system on each floor and provide additional emergency fixtures to supply adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and along exit discharge paths and a minimum 2.5 lux along exit access aisles.	Within 3 months
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F-6	Egress Lighting	Exit signs were placed in areas that were not exits.	Remove exit signs (double sided) from noted areas to avoid confusion from actual exits.	Within 1 month
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