

INITIAL FIRE SAFETY INSPECTION REPORT

Factory name: ILMEEYAT APPARELS LIMITED (New Building 3)
RSC ID: 24782

Factory Address: Jamirdia, Valuka, Mymensingh.

GPS: 24.2912, 90.4045

Other Factories: ILMEEYAT APPARELS LIMITED, ILMEEYAT APPARELS LIMITED (new shed) & ILMEEYAT APPARELS LIMITED (new shed no. 2)
(RSC ID: 9767, 12398 & 23067)



Inspected By: Md. Kamrul Hasan

Date: 28 Dec 2023

Fire Safety Inspection Report

Introduction:

ILMEEYAT APPARELS LIMITED (New Building 3) complex was surveyed for fire safety on **28/12/2023** 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.

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 RSC 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): 1. Substation & Generator Building (6446 sft); (Construction- Nov 2019-June 2022; Occupied- Aug 2022)
2. Boiler & Compressor Building (8306 sft); (Construction- Nov 2019-June 2022; Occupied- Aug 2022).

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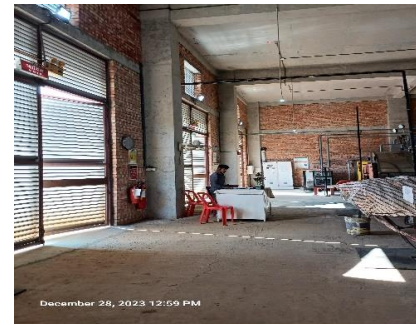
Findings & Recommendations :

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 RSC for review.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	Diesel fuel storage (2400 L) was located inside the generator room and Diesel fuel storage (1000 L) was located inside the boiler room.	A license must be obtained in accordance with the Petroleum Act for all storage of Class II petroleum greater than 1000 L (264 gal) individually and 2000 L (528 gal) aggregate. Or, Separate the diesel fuel storage with 2- hr. fire rated construction.	Within 3 months
 				

2	Means of egress	Walking surface is not slip resistant and not leveled at exit discharge path. (Substation & Generator Building & Boiler & Compressor Building)	Walking surfaces, including stairway treads shall be uniformly slip resistant. And level the walking surface to the public way.	Within 1 month
 				
3	Means of egress	Aisles not provided and properly marked. (Substation & Generator Building & Boiler & Compressor Building)	Provide minimum aisle widths of 36-in.	Within 1 month



4	Means of egress	Occupiable roofs provided with parapets or guards which is less than 42 in. (Substation & Generator Building & Boiler & Compressor Building)	All occupiable roofs shall be provided with parapets or guards with a minimum height of 1067mm (42 in.).	Within 1 month
5	Means of egress	Building did not have occupant load signs at all the required locations. (Substation & Generator Building & Boiler & Compressor Building)	Provide occupant load signs at all required locations.	Within 2 weeks

6	Emergency 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 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 2 months
 				
7	ITM Emergency Lighting	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The RSC Technical Guidelines (Standard).	Inspect, test and maintain the emergency lighting system in accordance with The RSC Technical Guidelines (Standard). Keep written records on-site.	Within 1 month

8	Fire Alarm & Detection system	Automatic fire alarm and detection system installation has been found complete which requires detailed review to confirm compliance with NFPA 72 and The RSC Technical Guidelines (Standard).	Submit the fire alarm system design to RSC for review. Once the design is reviewed, install and modify the fire detection and alarm system throughout the buildings in accordance with review comment, RSC Technical Guidelines (Standard) and NFPA 72. After installation the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing. Also inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with Table-14.3.1 of NFPA 72.	Design Review within 2 months and installation/modification within 4 months
 				
9	ITM of Fire Alarm System	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per RSC standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 (Table-14.3.1) or as per RSC standard.	Within 1 Month after installation.

10	ITM extinguisher	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 RSC Technical Guidelines.	Within 1 month
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