

INITIAL FIRE SAFETY INSPECTION REPORT

Caesar Apparels Ltd - New (Extension)

RSC ID: 25927

GPS Coordinates: 22.31629142767181, 91.85576100849117

Yakub Synthetic Building, PBA Road, Moijjartek, Shikalbaha, Upzilla: Patiya, Chattogram

Other Factories: Caesar Apparels Ltd new (ID-12657)



Inspected By: Md Tanvir Rahman

Date: 09-Dec-2024

Fire Safety Inspection Report

Caesar Apparels Ltd - New (Extension)

Address: Yakub Synthetic Building, PBA Road, Moijjartek, Shikalbaha, Upzilla: Patiya, Chattogram

Introduction:

RSC ID : **25927**

Caesar Apparels Ltd - New (Extension) complex was surveyed for fire safety on **09-Dec-2024** 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						
SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type & Floor area	Construction Category
1	Production shed	Mar-2023 to Feb-2024	16-Jul-2017 by CDA and 2-Jul-2024 by DIFE .	Mar-24	Steel shed (single storied) Area: 8,912 sqft.	New
2	Boiler Room-2	Dec-2023 to Mar-2024	2-Jul-2024 by DIFE .	Apr-24	RCC (Single Storied) Area: 222 sft.	New

Points of contact:

Shakawat Hossain Director 01715463071 Mail : shakawat@caesargroup.com	Raihanur Rahman Sr. Manager (HR ,Compliance & Admin) 01730072204 Mail : compliance@caesargroup.com
--	--

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
F-01	Fire Rated Construction	Liquefied or compressed gas cylinders were located at the utility building.	LPG/CNG cylinders are permitted to be stored in a separate dedicated building on the factory premises within its boundaries if the building meets the following conditions: 1. The storage building must be at least 3 meters away from any other building and boundaries. 2. The exterior walls of the building must have a fire resistance rating of 3 hours using noncombustible construction. 3. Doors and other openings in the exterior walls must be protected with suitable closing devices having a fire protection rating of 3 hours. 4. The building is to be used for no other purpose than the storage of LPG/CNG cylinders. 5. The building must be mechanically ventilated to control the accumulation of flammable vapors. 6. The installations must be approved and accepted by the requirements of the AHJ, Gas supply company regulations, manufacturers/supplier's instructions/guidance, Chief Inspector of Boiler (CIOB) and Chief Inspector of Explosives Bangladesh (CIEB).	Within 3 months
				

F-02	Means of Egress	Headroom clearance was found less than 6 feet 8 inches in niddle room at production shed.	Ensure minimum headroom 6ft 8 inch or re-route the egress way to avoid the critical path.	Within 1 month
				
F-03	Means of Egress	Sliding type doors have provided along means of egress. Location: Niddle room at production shed.	All doors in a means of egress shall be of the side-hinged swinging type. Roll-down and sliding gates and shutters shall not be allowed. Doors serving an occupant load of more than 50 shall swing in the direction of egress travel.	Within 1 month
				

F-04	Means of Egress	The exit door serving the north side of the production shed was found to have a width of 36 inches.	Provide minimum door widths of 1m (39 in).	Within 1 month
 				
F-05	Means of Egress	Building did not have occupant load signs at required locations. Locations: Production shed.	The occupant load shall be posted for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space.	Within 1 month
F-06	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location: Production Shed.	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 2 months

F-07	Fire Alarm & Detection System (FADS)	The factory has installed a fire alarm and detection system that requires a detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard).	Addressable fire alarm and detection systems shall be installed throughout all buildings and structures (When complete sprinkler protection is provided throughout a floor with water flow devices designed to initiate the alarm notification, smoke and fire detection devices can be eliminated throughout that floor). Submit the proposed fire alarm system design to RSC for review. Once the design is reviewed, install the fire detection and alarm system throughout the building 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.	Design within 2 month and modification/ installation with 4 months
 				
F-08	Inspection, Testing and Maintenance (ITM) of FADS.	Inspection, testing and maintenance for the fire detection and alarm system was not in accordance with standard.	Inspect, test and maintain the fire alarm system and keep written records on-site, in accordance with Table-14.3.1 of NFPA 72.	Within 1 Month (after installation)

F-09	Inspection, Testing and Maintenance (ITM) of Emergency light and Exit Sign	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with the RSC standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with the RSC standard. Keep written records on-site.	Within 3 months
F-10	Inspection, Testing and Maintenance (ITM) of Fire 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 standards.	Within 2 Months