

INITIAL FIRE SAFETY INSPECTION REPORT

Standard Stitches Ltd.(Unit-2) ((extension)

RSC ID: 24417

10/4, Karnapara, Genda, Savar, Dhaka.

Other Factories: Standard Stitches Ltd.(Unit-2)



Inspected By: Pantha Pallob Das & Yusuf Ahmed

Date: 5 June 2022

Fire Safety Inspection Report

Standard Stitches Ltd.(Unit-2) ((extension)

Introduction:

Standard Stitches Ltd.(Unit-2) ((extension) [24417] complex was surveyed for fire safety on 05/06/2016 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):

There is total 11 individual structures in the premises. The list of the structures is below:

Building-1: 6-storied production main building.

Building-3: 4 storied Office Building (RCC).

Building-4: Single Storied shed (Finished Goods Store).

Building-5: Single Storied Shed (Generator).

Building-6: Single storied Boiler Shed.

Building-7: Single storied Compressor Shed.

Building-8: Single storied childcare shed.

Building-9: RMS Room.

Building-10: New Guard Room.

Building-11: Main Gate Guard Room.

Building-12: Fire Pump Room.

Earlier building-1 was with floor area 8522 sft and recently the building is extended horizontally by 5600 sft. The old and extension portion is architecturally connected to each other for all the floors but structurally isolated. The old portion was covered earlier under ACCORD ID 12515 and the new portion is under 24417 and onwards the inspection for entire building will be covered with follow up inspection under 12515.

Building 4 & 5 is under ID 12525 and remaining buildings are under ID 24417.

Findings & Recommendations :

Table 1 summarize the fire safety non-compliant issues identified during the inspection. Recommendations have been provided to address each issue with specific remediation timeline. 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-1	Fire Rated Construction	The exit enclosure are not separated from work areas, other spaces on each floor by fire-rated construction due to non Functionality of Fire Rated door. Location - Building-2.	The exit stair enclosure shall be provided with a minimum 2- hr. fire resistance rating. Provide 1.5 hr. fire rated door and seal all penetrations and openings by 2 hr. fire rated fire rated barrier construction. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system. Openings of exit enclosures to storage areas shall be provided with rated vestibules with similar ratings.	Within 3 months



F-2	Fire Rated Construction	Approximately 1400 Liters diesel stored in an open shed at the corner side of the premises without fire protection.	Provide minimum 3-hr fire rated construction for the diesel storage room. Additionally follow applicable local law as Petroleum Act for storing and handling of the fuel.	Within 2 Months
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F-3	Fire Detection and Alarm System (FADS)	Fire alarm and detection system installation complete which requires detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard).	Complete the internal Testing and Commissioning and prepare all necessary design documents as per NFPA-72. Submit the fire alarm system design documents to RSC as a part of application for T&C. 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 3 Months
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F-4	Inspection Testing and Maintenance of Fire Alarm and Detection System (ITM)	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with Table 14.3.1 of NFPA 72. (After Installation)	Within 1 month.
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