

INITIAL FIRE SAFETY INSPECTION REPORT

Talisman Ltd. (Extension)

RSC ID: 25503

Plot # 5, DEPZ, Ganakbari, Ashulia, Savar, Dhaka-1349.
23.949023, 90.278926

Other Factories: Talisman Ltd. ID 9225



Inspected By: Ahammad Kabir

Date: 28/02/2024

Fire Safety Inspection Report

Factory Name: Talisman Ltd. (Extension)

Introduction:

Talisman Ltd. (Extension) complex was surveyed for fire safety on 28 February 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. Warehouse Shed
2. Substation Building
3. Security Building

Factory Address: Plot # 7-10, 13-16, DEPZ, Ganakbari, Ashulia, Savar, Dhaka-1349.

Points of contact:

1.

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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 approval.

Table-1:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Alarm & Detection system	Fire alarm & detection system installation requires detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standards).	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review. Modification (if required) shall have to done as per the reviewed design and NFPA-72 with a listed Addressable Fire Alarm System. Upon approval & modification (if required) the factory shall inform RSC to conduct final testing and commissioning verification of the system for final acceptance.	Design Review within 2 months and modification within 4 months (if required).


			<p>2</p> <p>Inspection Testing and Maintenance of Fire Alarm and Detection System (ITM)</p>	<p>Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72.</p>	<p>Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.</p>	<p>Within 1 month (after installation completed).</p>
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3	Fire Rated Construction	<p>Catwalk has been constructed on High rack storage and the area of the the intermediate deck creates a full floor where the size of the deck is more than 33% of the total floor area and requires fire rated separation. Location: Warehouse</p>	<p>Remove the catwalk of the intermediate deck. Or, Maintain fire separation (3hr for type 1) between floor to floor as per BNBC 2006 Table 3.3.1. Provide required fire rating on the structural elements by following Table-3.2.4, 3.1.9 of BNBC 2006 & Table 4.4.1 of the RSC Technical Guidelines Standard or Table 3.3.1 of BNBC 2006. Consult a qualified fire protection engineer to design the rated construction barriers in between two floors and in structural members. Factory shall submit all required product datasheet, installation design along with design philosophy to RSC for review prior to installation on site.</p>	Within 3 months
				
4	Fire Rated Construction	Office area is not separated from the store on the mezzanine floor.	Office area is required to be separated from the store with 2 hour fire rated separation.	Within 3 Months



5	Fire Rated Construction	The generator, and substation rooms are not fire separated with fire rated construction barrier or assemblies.	Separate generator and substation room by a minimum 2-hr fire rated construction with 1.5-hr fire rated opening protective assemblies like fire rated door. Provide proper ventilation and consult a qualified engineer for overall solution. When located to the exterior of a building by at least 3m (10 ft.) distance from surroundings then fire rated construction barrier is not mandatory.	Within 3 months
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6	Fire Rated Construction	Elevator shafts are directly open inside the floor. Location: Warehouse shed.	Ensure minimum 1.5-hr fire rating for the doors of elevator shafts otherwise close the shafts area with 2-hr fire rated construction barrier and 1.5-hr fire rated doors.	Within 3 months
				
7	Mean of Egress	Walking surface were not found level from exit discharge of all stair and are not protected from slip or tripling hazard. (South side of the building)	Provide an level walking surface in exit discharge in accordance with 6.3.4 of RSC Technical Guidelines (Standard).	Within 3 Months
8	Means of egress	The south exit discharge path is not separated from the building interior of the production building.	Seal all penetrations and openings to the interior of the building along the discharge path to provide a minimum 1-hr fire separation. Alternatively, provide a second remote discharge path to the public way (only include this if feasible).	Within 3 months



9	Means of egress	Building did not have stair designation signs and occupant load signs at required locations on all floor.	Provide stair designation signs and occupant load signs at required locations.	Within 1 month
10	Means of egress	Dead-end corridor/aisles exceed 15 m (50 ft) limit at jacquard section.	Reconfigure the egress arrangement to reduce the maximum dead-end distance to not more than 15 m (50 ft) in accordance with RSC Technical Guidelines standard 6.13.3.	Within 3 months

