

INITIAL FIRE SAFETY INSPECTION REPORT

Factory Name: Shanta Washworks Limited

Factory ID: 24136

ADDRESS: Plot No. 219,DEPZ (Extension Area), Ganakbari, Ashulia, Dhaka-1349

Other Factories: Shanta Denims Limited



Inspected By: Mohammad Atick Al Zaman & Md Kamrul Hasan Chowdhury

Date: 03 March 2021

Fire Safety Inspection Report

Factory Name: Shanta Washworks Limited

Introduction:

Shanta Washworks Limited was surveyed for fire safety on 3 March, 2020 by The RSC Inspection Team. This summary identifies the major deficiencies that were identified during the inspection.

The purpose of this 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

ADD PHOTO

ADD PHOTO

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 Rated Construction	Exit stairs are not separated from work areas and other spaces on each floor by fire rated construction due to unprotected openings and penetrations.	Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2-hr fire rated construction. Provide minimum 1.5-hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire separation. Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies. If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets ACCORD standard 6.8.3.1.	Within 3 months



2	Fire Rated Construction	Chemical storage area is not separated by fire-rated construction having non rated door and unsealed penetrations and openings.	<p>Separate the chemical storage room by 2-hr fire rated construction. Seal all penetrations and protect the openings to maintain the required fire separations. Keep 16-points MSDS of all chemicals in the storage area.</p> <p>** As per BNBC, chemical storage room will be Type-1 construction.</p>	Within 3 months
---	-------------------------	---	--	-----------------



3	Fire Rated Construction	Rooms used for combustibile storage on the ground floor are not separated by fire-rated construction. Location: Office building.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	within 3 months
---	-------------------------	--	--	-----------------



4	Pumps under the exit stair	ETP Pumps set were located in the exit stair. Location: west exit stair	Remove all pumps from under exit stairs.	one week
---	----------------------------	--	--	----------



5	Obstruction in means of egress	The egress path along means of egress has interrupted by obstruction.	Means of egress shall be maintained continuously free and clear of all obstructions. Or Keep egress paths and stairs clear of obstructions.	Immediate
---	--------------------------------	---	---	-----------



6	Fire Alarm & Detection system	Provide automatic alarm and notification features consistet with acceptable standards throughout the building. Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Configure the fire alarm system to initiate automatic occupant notification on all floor levels to facilitate whole-building evacuation upon any manual fire alarm station activation. Submit as-built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval.	Within 6 months
---	-------------------------------	---	--	-----------------



7	Fire Alarm & Detection system	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 NFPA 72.	Within 3 months
8	Inspection, testing, and maintenance	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	within 3 months

9	Inspection, testing, and maintenance	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 ACCORD standards.	within 3 months
10	Stair designation	Building did not have stair designation signs and occupant load signs at required locations.	Provide stair designation signs and occupant load signs at required locations.	Within 1 week