

FIRE SAFETY INSPECTION REPORT

Vintage Denim Apparels Ltd. (Wet Processing)

ACCORD ID: 23076

Boherarchala, Sreepur, Gazipur-1740

24.191601, 90.403731

Other Factories: None



ACCORD
on Fire and Building Safety in Bangladesh



Inspected by: Md. Rakibul Alam

Date: February 05, 2018



ACCORD
on Fire and Building Safety in Bangladesh

Fire Safety Inspection Report

Vintage Denim Apparels Ltd. (Wet Processing)

Summary

Vintage Denim Apparels Ltd. (Wet Processing) complex was surveyed for fire safety on February 05, 2018 by The Accord 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 Accord.

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 Accord for approval.



Table 1. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Exit stairs are not separated from work areas & other spaces on each floor by fire-rated construction due to unprotected openings and penetrations. Location: Chemical Building	<p>Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 1- hr fire-rated construction. Provide minimum 1- hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire separation.</p> <p>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.</p> <p>If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.</p>	Within 3 months





F-2 Fire Rated Construction

Storage on each floor discharges directly into the exit stair discharge.
Location: Chemical Building

Openings from exit enclosure to storage shall be provided with a vestibule with fire rated construction and openings.

Within 3 months

Provide a 1 hr. fire rated door on the exit stair side and a 0.75-hr. fire rated door on the storage side. Ensure that the fire rating of the vestibule construction matches that of the exit stair enclosure.



F-3	Fire Protection	Installed fire alarm and detection system requires detailed review to confirm compliance with NFPA 72 and ACCORD standards. For all interconnected sheds & buildings.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval. And re-configure the system as per NFPA 72 (if required).	Within 4 months
-----	-----------------	--	--	-----------------



F-4	Fire Rated Construction	Liquefied or compressed gas cylinders and CNG RCU room are located within the factory.	The storage or use of liquefied or compressed flammable gas cylinders shall be prohibited within the factory building.	Immediately
-----	-------------------------	--	--	-------------





F-5	Fire Rated Construction	The chemical store on washing building ground floor not provided with adequate fire separation.	Separate chemical store rooms with 2- hr 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.	Within 3 months
-----	-------------------------	---	--	-----------------

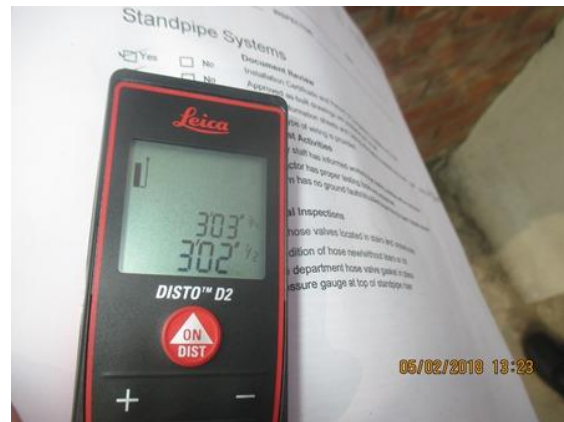


F-6	Fire Rated Construction	The lift machine room is not provided with adequate fire separation form the exit stair.	Separate the lift machine room by 1- hr rated fire construction from the exit stair enclosures.	Within 3 months
-----	-------------------------	--	---	-----------------

Location: Washing Building.



F-7	Egress	Occupiable roof is not provided with an adequate parapet / guard rail.	All occupiable roofs shall be provided with parapets or guards with a minimum height of 1067 mm (42 in.)	Within 3 months
-----	--------	--	--	-----------------



F-8	Fire Rated Construction	Exterior exit stair is not properly separated from the building. Location: Washing Building	Exterior exit stairs shall be separated from the building with 1 hr fire rating. The rating of the exterior wall shall extend 3.05 m (10 ft) beyond the ends of the stair structure.	Within 3 months
-----	-------------------------	---	--	-----------------



F-9	Fire Rated Construction	The provided fire-rated door assemblies have not provided with smoke seal and coordinator.	Install door coordinator and smoke seal in all required fire rated door assemblies to maintain the required and proper fire separation.	Within 3 months
-----	-------------------------	--	---	-----------------





F-10 Fire Rated Construction

The newly constructed chemical building is steel-composite type and all the RCC panels are resting on the steel columns and girders which is in exposed condition without any fire protection. Also the mezzanine floor area exceeds the allowable limit thus floor to floor separation is required.

Chemical building shall be type-I construction. Provide required fire rating on the structural elements by following Section 4.4 and Table 4.4.1 of the Accord Standard or Table 3.3.1 and Table 4.1.1 from BNBC Part 4. Consult a qualified fire protection engineer to design the rated construction barriers in between two floors and in structural members.

Within 6 months

