

FIRE SAFETY INSPECTION REPORT

Mega Washing & Dyeing Ltd.

ACCORD ID: 12640

B.K Bari, Taltoli, Hotapara, Mirzapur, Gazipur

24.120954, 90.378599

Other Factories: None



Inspected by: Md. Rakibul Alam & Md. Rafat Arefin

Date: 06 March, 2017



Summery

Mega Washing & Dyeing Ltd. complex was surveyed for fire safety on 06 March, 2017 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.	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. 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.	Within 3 months





F-2 Egress Egress gates on the all floor with locking features are provided at all exits & exit discharge.

Remove locking features from all egress gates.

Immediately

If locks are required for security reasons, utilize special door locking features complying with ACCORD standard 6.8.2.



F-3	Fire Rated Construction	Room on the ground floor and 2nd floor used for combustible storage is not separated by a minimum 1-hr fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
-----	-------------------------	---	--	-----------------



F-4	Fire Rated Construction	The boiler, generator and compressor is not properly separated from each other.	Separate the boiler, generator and compressor by fire rated construction.	Within 3 months
-----	-------------------------	---	---	-----------------



F-5	Egress	Sliding doors are provided at the building exits, exit stairs, along egress routes and exit discharge.	Replace all gates, sliding doors and rolling shutters along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month
-----	--------	--	--	----------------





F-6	Fire Protection	The fire alarm system is antiquated, not a listed system and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed automatic fire alarm system in accordance with NFPA 72 and ACCORD standards.	Design within 4 months Install within 9 months
-----	-----------------	---	---	---



F-7	Fire Protection	Inspection, testing and maintenance of the automatic fire alarm system is not in accordance with NFPA 72.	Inspect, test and maintain the automatic fire alarm system and keep written records on-site, in accordance with NFPA 72 (after installation).	Within 1 month
F-8	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building, tied into the fire alarm system, in accordance with NFPA 72 and ACCORD standards.	Design within 4 months Install within 9 months



F-9	Egress	Egress door serving 50 or more occupants but does not swing in the direction of egress travel. Locations: 2nd floor.	Modify swing direction of egress doors to the direction of egress travel.	Within 3 months
-----	--------	---	---	-----------------





F-10 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-11	Egress Lighting	Inspection, testing and maintenance for the emergency lighting system was not in accordance with ACCORD standards.	Inspect, test and maintain the emergency lighting system in the accordance with ACCORD standards. Keep written records on-site.	Within 3 months
F-12	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Also no emergency lights were provided at stairs.	Test the emergency lighting system on each floor and provide additional emergency fixtures to supply adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and along exit discharge paths and a minimum 2.5 lux along exit access aisles.	Within 3 months
F-13	Egress	Building did not have stair designation sign, occupant load sign & floor level signs at required locations.	Provide occupant load sign, stair & floor designation signs at required locations.	Immediately
F-14	Egress	Storage was located in the all exit stairs.	Remove all storage from exit stairs.	Immediately





F-15	Fire Protection	Inspection, testing and maintenance of portable fire extinguisher 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.	Within 1 month
F-16	Fire Rated Construction	Electrical panels were located in the exit stair enclosures.	Remove and re-locate all electrical panels from exit stair enclosures.	Within 3 months





F-17 Egress

Landing is not provided on both side of the door at roof which may cause of tripping hazard.

Provide adequate landing on both side of the door.

Within 3 months



F-18	Fire Rated Construction	Liquefied or compressed gas cylinders 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-19	Egress	The running slope at the top floor does not comply with Accord standard.	Reconfigure the slope in a way that comply with Accord standard 6.3.4.2.	Within 3 months
------	--------	--	--	-----------------

