

FIRE SAFETY INSPECTION REPORT

TORQUE FASHIONS LTD.

SHADU PARA, PARAGAON, ASHULIA, SAVAR, DHAKA



ACCORD
on Fire and Building Safety in Bangladesh

The logo for ACCORD Foundation Bangladesh, featuring a red map of Bangladesh inside a circular emblem with the text "Bangladesh Accord Foundation" around it.

June 15, 2014

SUMMARY

Torque Fashions Ltd. was surveyed for fire safety on 6/15/2014 by Hughes Associates, Inc. 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 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.

Tables 1 - 2 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 - Building 1

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Areas used for combustible storage are not separated by fire- rated construction. Location: Ground floor on factory floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: Maximum height of 2.4m and maximum area of 23m ² Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months





F-2	Fire Rated Construction	The boiler and generator rooms is not separated by fire-rated construction (openings, non-rated doors, penetrations). Location: Ground floor separate buildings	Separate the boiler and generator rooms by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months
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F-3	Egress	Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge. Ground floor at exit discharges all gates/doors were open and unlocked during the inspection.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-4	Egress	Storage was located in the exit stair. Location: Under stairs from first floor to ground from storage room.	Remove all storage from exit stairs and egress paths.	Immediate
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F-5	Egress	Sliding Door & Gates Location: Ground floor.	Replace all gates / sliding doors 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
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F-6	Egress	The width of egress aisles is less than 36-in. Location: Ground floor north side of factory floor aisles reduced to 26.5 -in.	Provide minimum aisle widths of 36-in.	Within 3 months
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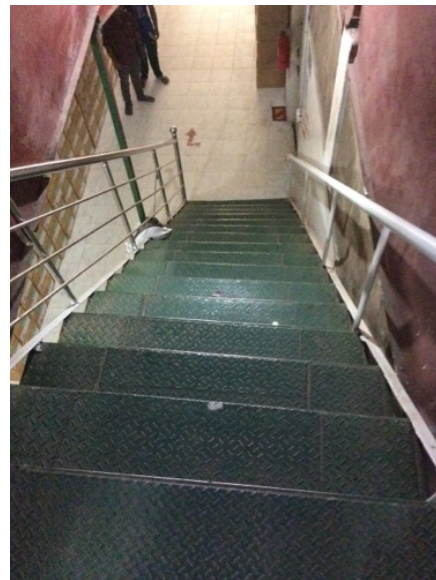
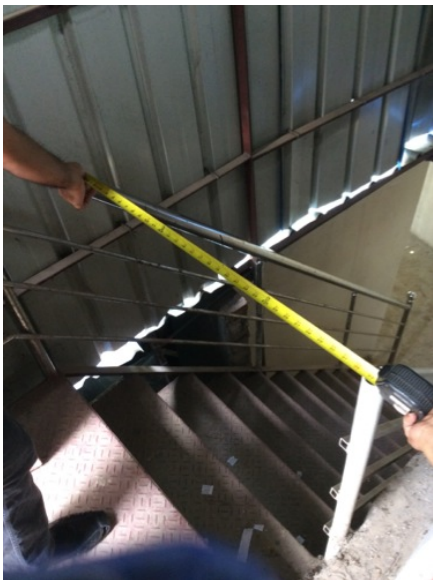


F-7 Egress

Exit stairs discharge inside the building.
Location: The first floor stairs from storage room discharges into interior of the factory.

Modify stair to discharge directly outside.
Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas).

Within 6 months





F-8	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 addressable fire alarm system in accordance with NFPA 72.	Design within 4 months, install within 9 months
F-9	Fire Protection	Inspection, testing, and maintenance of 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
F-10	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months

Table 2. Findings And Recommendations - Building 3

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Areas used for combustible storage are not separated by fire- rated construction. Location: On the factory floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: Maximum height of 2.4m and maximum area of 23m ² Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months





F-2 Egress

Egress doors with locking features are provided at building exits, exit stairs, along egress routes, exit discharge.
Location: Ground floor and exits all doors were open and unlocked during the inspection.

Remove locking features from all egress doors.

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.

Immediate



F-3	Egress	<p>Sliding doors are provided at building exits, exit stairs, along egress routes, exit discharge.</p> <p>Location: Ground floor and all exits.</p>	<p>Replace all sliding doors along the means of egress with side-hinged, swinging egress doors.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	<p>Within 1 month</p>
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F-4	Fire Protection	<p>The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.</p>	<p>Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.</p>	<p>Design within 4 months, install within 9 months</p>
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F-5	Fire Protection	<p>Inspection, testing, and maintenance of 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 3 months</p>
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F-6	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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