

# **FIRE SAFETY INSPECTION REPORT**

**DELICATE GARMENTS LTD**  
**RAJAGHAT, RAJFULBARIA SAVAR, DHAKA**

**OTHER FACTORIES: NONE**



**ACC**  **RD**  
on Fire and Building Safety in Bangladesh

April 27, 2014

## **SUMMARY**

**Delicate Garments Ltd was surveyed for fire safety on 4/27/2014 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.**

**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	The boiler, generator and transformer rooms are not separated by fire-rated construction (openings, non-rated doors, penetrations).	Separate the boiler, generator and transformer 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-2	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction on the ground floor.	<p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows:</p> <ul style="list-style-type: none"><li>- Maximum height of 2.4m and maximum area of 23m<sup>2</sup></li><li>- If sprinkler protected: maximum height of 3.66m and maximum area of 93m<sup>2</sup></li></ul> <p>Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.</p>	Within 3 months
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F-3	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosure at the SW exit stair	Provide a minimum 2-hr fire-rated shaft to separated the utility riser from each floor level.	Within 3 months
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F-4	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies at the NE side of the building.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level.  Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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F-5	Egress	Egress doors / gates with locking features are provided at every exit stair.	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-6	Egress	Storage was located in the egress path on the 1st floor.	Keep egress paths and stairs clear of storage.	Immediate
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F-7	Egress	Storage was located in both of the exit stair.	Remove all storage from exit stairs and egress paths.	Immediate
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F-8	Egress	Collapsible gates / sliding doors are provided at both of the exit stairs.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month
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If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



F-9	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-10	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system are not in accordance with NFPA72	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-11	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.	Replace the single-station smoke alarms. Provide automatic smoke detection throughout the building in accordance with NFPA72	Within 6 months

