

# **FIRE SAFETY INSPECTION REPORT**

**DAZZLING DRESSES LTD.**

**51/52, ISMAIL PLAZA, SHAH KABIR MAZAR ROAD**

**OTHER FACTORIES: ASTEX LTD. ALPINE LTD.**



**ACCORD**  
on Fire and Building Safety in Bangladesh

April 13, 2014

## **SUMMARY**



**Dazzling Dresses Ltd. was surveyed for fire safety on 4/13/2014 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 generator room is not separated by fire-rated construction and openings, non-rated doors and penetrations.	Separate the generator room by a minimum 2-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months					
<div style="display: flex; justify-content: space-around;">   </div>					F-2	Fire Rated Construction	The transformer room is not separated by fire-rated construction, non-rated door and openings.	Separate the transformer room by a minimum 2-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months
F-2	Fire Rated Construction	The transformer room is not separated by fire-rated construction, non-rated door and openings.	Separate the transformer room by a minimum 2-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months					



F-3	Fire Rated Construction	The boiler room is not separated by fire-rated construction.	Separate the boiler room by a minimum 2-hr fire-rated construction. Seal and protected all openings to maintain the required fire separations	Within 3 months
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F-4	Fire Rated Construction	The south exit stairs are not separated from work areas and other spaces on each floor by fire-rated construction.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.	Within 3 months
			If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	





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F-5	Fire Rated Construction	Unsealed penetrations are located in several exit stairs.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
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F-6	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction.	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 <sup>2</sup> - If sprinkler protected: maximum height of 3.66m and maximum area of 93m <sup>2</sup>  Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months
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F-7	Fire Rated Construction	The exit stairs are not separated from office area and medical room and service area by fire-rated construction.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.	Within 3 months
			If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	



F-8	Fire Rated Construction	Fire door is not provided with re-entry door handle.	Fire doors assemblies conform to NFPA 252.	Within 3 months
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Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.

If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.



F-9	Egress	Egress doors and gates with locking features are provided a all exit doors and exit stairs.	Remove locking features from all egress doors and gates.  If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-10	Egress	Collapsible gates and sliding doors are provided at several exit doors and exit stairs.	Replace all gates and sliding doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month
			If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	



F-11	Egress	A gate was provided in the egress path of the exit stairs.	Remove all doors from exit stairs and egress paths or provide minimum 1.5-hr fire rated doors. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.	Within 3 months
<p>If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.</p>				



F-12	Fire Protection	Activation of the fire alarm system by a manual fire alarm station provides automatic occupant notification only on the floor of alarm and not throughout the building.	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.	Within 1 months
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F-13	Fire Protection	Inspection, testing, and maintenance for the fire alarm system was not 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-14	Fire Protection	The fire alarm system does not appear to provide adequate audible notification coverage.	Provide additional notification appliances such that the fire alarm system is audible throughout the building in accordance with NFPA 72.	Within 6 months
F-15	Egress Lighting	Manual on-off switch is provided for emergency lighting units.	Remove manual on/off switches from emergency lighting and exit signage units to prevent them from being switched off.	Within 1 month

