

# **FIRE SAFETY INSPECTION REPORT**

**JAMUNA APPARELS LTD.**

**46 (NEW), BLOCK - C, TONGI INDUSTRIAL AREA,  
TONGI, GAZIPUR**

**OTHER FACTORIES: NONE**



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

April 3, 2014

## **SUMMARY**

**Jamuna Apparels Ltd. was surveyed for fire safety on 4/3/2014 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, penetrations.	Separate the generator room 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	The transformer room are not separated by fire-rated construction and openings, non-rated doors, penetrations.	Separate the transformer room 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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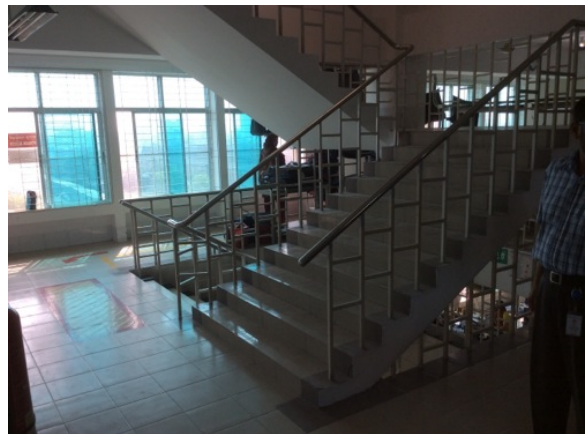
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F-3	Fire Rated Construction	The boiler room is not fire-rated construction and openings, non-rated doors, penetrations.	Separate the boiler room by a minimum 2-hr fire-rated construction. Seal and or protected all openings to maintain the required fire separations	Within 3 months
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F-4	Fire Rated Construction	The two 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 and openings are located in the fire-rated floor and ceiling assemblies.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level.	Within 3 months
			Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	





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F-6	Fire Rated Construction	Unsealed penetrations and openings are located in all exit stair enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
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F-7	Fire Rated Construction	Areas used for combustible storage are not 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 23m2 - If sprinkler protected: maximum height of 3.66m and maximum area of 93m2  Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months
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F-8	Fire Rated Construction	Areas used for combustible storage in ground floor are not separated by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-9	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated ceiling at each floor.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor.  Seal all penetrations and openings in floor and ceiling assemblies to maintain the fire separation.	Within 3 months
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F-10 Egress

The fire doors are not provided automatic-closing devices and outside door-handle.

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

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



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F-11	Egress	Egress doors and gates with locking features are provided a several 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.	Immediat
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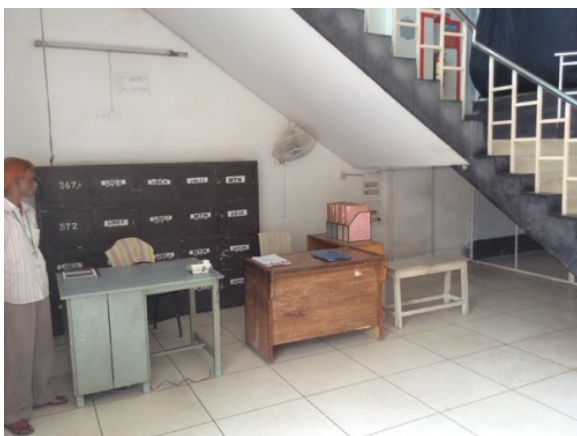
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F-12	Egress	Storage was located in the exit stairs.	Remove all storage from exit stairs and egress paths.	Immediat
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F-13 Egress

Collapsible gates and sliding doors are provided at overall 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-14	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-15	Egress Lighting	Manual on-off switch is provided for emergency lighting.	Remove manual on/off switches from emergency lighting and exit signage units to prevent them from being switched off.	Within 3 months

