

# **FIRE SAFETY INSPECTION REPORT**

**OCEAN APPARELS LIMITED**  
**BUILDING DS 02, EAST WING 1ST FLOOR, ROAD# 02,**  
**CEPZ**

**OTHER FACTORIES: NANG TONG BD LIMITED**



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



June 1, 2014

## **SUMMARY**

**Ocean Apparels Limited was surveyed for fire safety on 6/1/2014 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	Storerooms used for combustible storage are not separated by fire-rated construction from the factory floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



F-2	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on the factory 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.  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
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F-3	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.  Seal all penetrations and openings in floor and ceiling assemblies to maintain the fire separation.	Within 3 months
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F-4	Fire Rated Construction	Unsealed penetrations and openings are located in 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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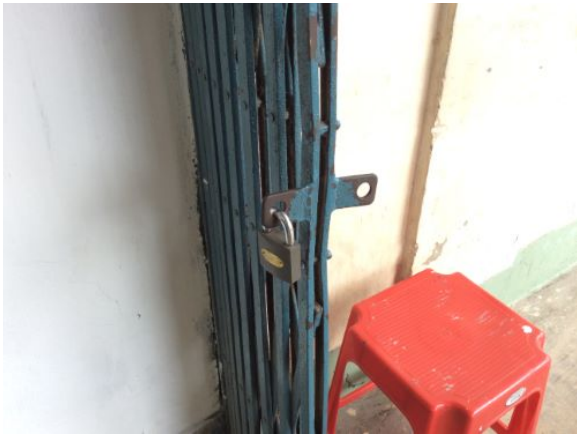
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F-5	Fire Rated Construction	The North West exit stair on ground floor is not enclosed in fire rated construction.	Provide 2-hr continuous stairwell enclosure to exterior ground level.	Within 3 months
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F-6	Egress	Egress doors and gates with locking features (provision for padlocks) are provided at building exits, exit stairs, along egress routes and exit discharges.	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-7	Egress	Storage is located in the egress path on the factory floor.	Keep egress paths and stairs clear of storage.	Immediate
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F-8 Egress

Storage is located in the exit stair on the ground floor and roof.

Remove all storage from exit stairs and egress paths.

Immediate







F-9 Egress

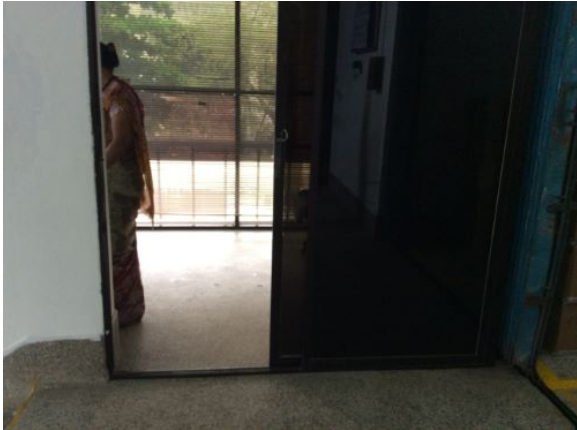
Collapsible gates and sliding doors are provided at building exits, exit stairs, along egress routes and exit discharges.

Replace all gates and sliding doors along the means of egress with side-hinged, swinging egress doors.

Within 1 month

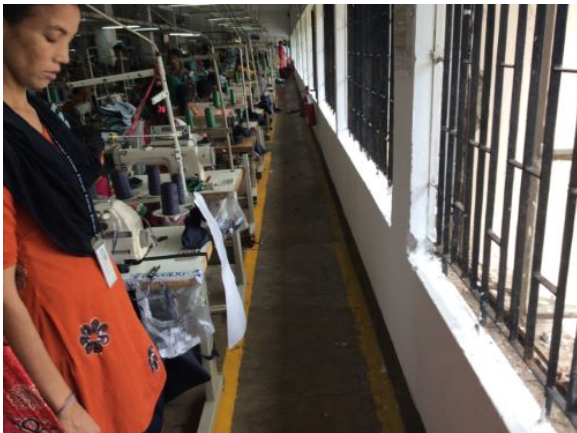
If locks are required for security reasons, utilize special door locking features complying with NFPA 101.






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F-10	Egress	The width of egress aisles is less than 36-in. in the factory floor.	Provide minimum aisle widths of 36-in.	Within 3 months
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F-11	Egress	Egress door serving 50 or more occupants does not swing in the direction of egress travel in the dining space.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
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F-12	Egress	A single means of egress is provided from Dining space where the occupant load exceeds 49 persons.	Reduce occupant load to not more than 49 persons.	Within 3 months
F-13	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



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F-14	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-15	Fire Protection	Inspection, testing, and maintenance for the fire alarms system are 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-16	Egress Lighting	Exit sign not provided at exit on the factory floor.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month



F-17	Egress Lighting	Manual on-off switch is provided for emergency lighting units on the body of the lighting units.	Remove manual on/off switches from emergency lighting units to prevent them from being switched off.	Within 1 month
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F-18	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system are 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
F-19	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes on the factory floor.	Test the emergency lighting system on each floor and provide additional emergency fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 3 months

