

FIRE SAFETY INSPECTION REPORT

INTEGRA APPARELS LTD.

**PLOT#742 DHOUR NAYANAGAR, NISHATNAGAR
TURAG, DHAKA-BANGLADESH**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

March 22, 2014

SUMMARY

Integra Apparels Ltd. was surveyed for fire safety on 3/22/2014 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.

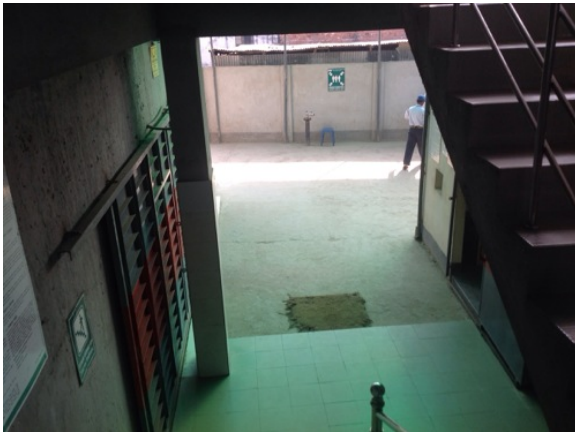
An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the Accord for approval.

Table 1. Findings And Recommendations

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	Work area on first floor had excessive amount of storage on work floor greatly increasing the fire load.	Remove stock and only have what is needed for a days work. Enclose storage rooms or limit size of storage piles.	Immediate



F-2	Fire Rated Construction	The exit stairs are not separated from work areas, 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. 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 walls and floor/ceiling assemblies. This was found on the first and ground floors.	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-4	Fire Rated Construction	Generator, boiler, and transformer rooms not constructed of proper fire rated materials. Several penetrations and other deficiencies compromise integrity of the room which could lead to increased fire spread.	Provide minimum 1hr fire rated room and seal all unprotected openings to separate from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and fire rated for use.	Within 6 months
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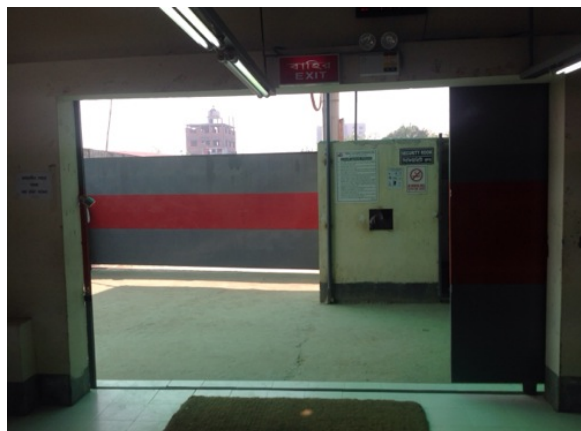


F-5	Egress	Exit capacity is not adequate for the occupant load on first floor. Occupant load is 450, exit capacity is 409.	Reduce occupant load to not more than 409 persons based on the available exit capacity.	Immediate
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F-6	Egress	Storage were located in the exit stairwells of both exits.	Remove all storage from exit stairs and egress paths.	Immediate
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F-7	Egress	Egress doors / gates with locking features are provided at all building exits, exit stairs, along egress routes, exit discharge.	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-8	Egress	Collapsible gates / sliding doors are provided at all building exits, exit stairs, along egress routes, exit discharges throughout the factory.	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-9	Egress	Emergency lighting did not function in test mode in storage room.	Regularly test the emergency lighting system on each floor and replace/repair lights as needed.	Within 3 months
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F-10	Egress	Exit door serving 50 or more occupants does not swing in the direction of egress travel in the dinning room ground floor.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
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F-11	Egress	The exits are not remotely located from each other such that a single fire event could compromise both exits on first floor.	Provide additional exit on the northwest corner of the facility. The current exits are 82 feet apart, the floor space is 200 feet.	Within 3 months
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F-12	Fire Protection	Storage in the storage room is too close, within 18" of sprinkler heads.	Reorganize storage room to provide proper clearance for sprinkler head to achieve full pattern if activated.	Immediate
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F-13	Fire Protection	The fire alarm system did not function correctly during testing. The alarm panel is in trouble mode.	Return system to service and ensure it meets requirements of fire alarm system in accordance with NFPA 72.	Within 3 months
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F-14	Fire Protection	Inspection, testing, and maintenance for the fire alarm system.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
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