

FIRE SAFETY INSPECTION REPORT

WELDONE APPAREL LTD
BARAIDRCHALAE, SREEPUR, GAZIPUR

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

June 1, 2014

SUMMARY

Weldone Apparel Ltd 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	The boiler, generator and transformer room is not separated by fire-rated construction. Openings, non-rated doors and penetrations all noted between partition walling and non fire rated door assemblies.	Separate the boiler, generator and transformer room by a minimum 2-hr fire-rated construction. Seal all unprotected openings to maintain the required fire separations.	Within 3 months





F-2	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction on the ground and first floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-3	Fire Rated Construction	The exit stairs are not separated from work areas on each floor by fire-rated construction through out the factory building.	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
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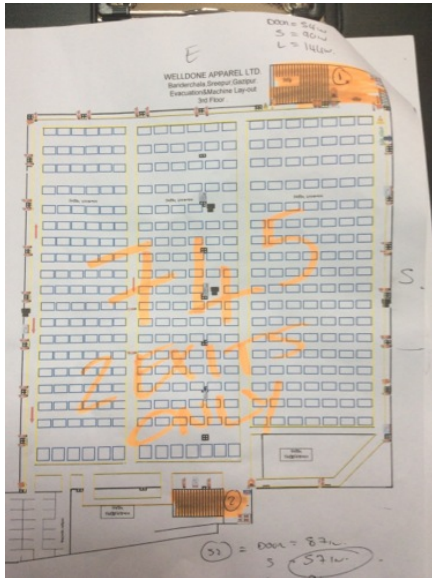
If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.



F-4	Fire Rated Construction	Unsealed penetrations and openings are located in the South exit stair enclosure.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months
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F-5	Egress	Exit capacity is not adequate for the occupant load on the second and third floors due to the number of employees being 500 and 745, as the building has 2 exits the maximum on this floor must be 490 due to the egress capacity measurements of each stairwell.	Reduce occupant load to not more than available exit capacity of 490 on the second and third floors. In the future provide additional exits to allow for increased number of employees.	Immediate
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F-6	Egress	Egress doors and gates with locking features are provided at building exits. All gates/doors were open and unlocked during the inspection.	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-7	Egress	IPS system was located in the South exit stair.	Remove all storage from exit stairs and egress paths.	Immediate
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F-8	Egress	Collapsible gates and sliding doors are provided at both main building exits.	Replace all gates / 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-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
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F-10	Fire Protection	Inspection, testing, and maintenance for the fire alarm system were not in accordance with the NFPA 72 requirements.	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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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.	Remove single-station smoke alarms. Provide automatic smoke detection throughout the building in accordance with NFPA 72.	Within 6 months
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F-12	Egress Lighting	Manual on-off switch is provided for exit signage units, throughout the factory building	Remove manual on/off switches from exit signage units to prevent them from being switched off.	Within 1 month
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F-13	Egress Lighting	Inspection, testing, and maintenance records for the emergency lighting system were not available.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
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