

FIRE SAFETY INSPECTION REPORT

A.T.S. APPARELS LIMITED
414, KOCHAKURI, TALIRCHALA, MOUCHAK

OTHER FACTORIES: NONE



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

April 10, 2014

SUMMARY


A.T.S. Apparels Limited was surveyed for fire safety on 4/10/2014 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	Hazardous materials / flammable liquid storage area is not separated by fire-rated construction (openings, non-rated doors, penetrations). Located on the ground floor in close proximity to storage areas.	Separate the hazardous materials / flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months					
					F-2	Fire Rated Construction	The generator / transformer outbuilding is not separated by fire-rated construction, both services open to each other.	Separate the generator / 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
F-2	Fire Rated Construction	The generator / transformer outbuilding is not separated by fire-rated construction, both services open to each other.	Separate the generator / 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					



F-3	Fire Rated Construction	The exit stairs are not separated from work areas 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.	



F-4	Fire Rated Construction	<p>Areas used for combustible storage are not separated by fire-rated construction.</p> <p>Packing and finishing areas are open to production lines on a number of floors.</p>	<p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows:</p> <ul style="list-style-type: none"> - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² <p>Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.</p>	Within 3 months
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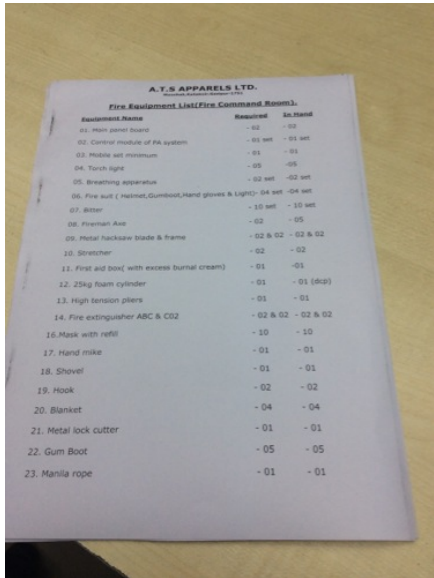
F-5	Egress	Egress doors / gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge. All gates/doors were open and unlocked during the inspection.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-6	Egress	Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes, exit discharge throughout all floors.	<p>Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Within 1 month
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F-7	Fire Protection	Inspection, testing, and maintenance for the fire alarm system were 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.	Design within 6 months, install within 12 months
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F-8 Fire Protection The fire alarm system does not appear to provide adequate visual notification coverage. No strobe lighting was identified in the building. Strobes present in boiler and generator outbuildings.

Provide additional notification appliances such that the fire alarmsystem is audible throughout the building in accordance with NFPA 72.

Within 3 months



F-9	Egress Lighting	Manual on-off switch is provided for all emergency lighting / exit signage units.	Remove manual on/off switches from emergency lighting / exit signage units to prevent them from being switched off.	Within 1 month
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F-10	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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