

FIRE SAFETY INSPECTION REPORT

ANANTA GARMENTS LTD
NISCHINTAPUR,ASHULIA,DEPZ ROAD

OTHER FACTORIES: ANANTA SPORTSWEAR LTD.



March 25, 2014

SUMMARY

Ananta Garments LTD was surveyed for fire safety on 25-03-2014 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	Unsealed penetrations and openings are located in the fire-rated walls and ceiling assemblies.	Seal all penetrations and openings in walls and ceiling assemblies to maintain the fire separation.	Within 3 months



F-2	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction. Open to production areas.	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-3	Fire Rated Construction	Hazardous materials storage /flammable liquid area is not separated by fire-rated construction (openings, non-rated doors, penetrations) on ground floor and 1st floor exit routes	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
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F-4	Fire Rated Construction	The transformer room is not separated by fire-rated construction (openings, non-rated doors, penetrations) at ground floor service building.	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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F-5	Fire Rated Construction	Areas used for combustible storage are not separated by fire-rated construction at ground floor .	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-6	Egress	Egress sliding doors locking features are provided at building exits, exit stairs, , exit discharge in all levels and some exits are locked and closed during the inspection on ground floor,levels 1,2,3,and 4.	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	Storage area was located in the egress paths and open to production floors.	Keep egress paths and stairs clear of storage.	Immediate
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F-8	Egress	Storage was located in the exit stair at ground floor east and west side exit stairwell	Remove all storage from exit stairs and egress paths.	Immediate
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F-9	Egress	Collapsible gates and Sliding doors are provided at building exits, exit stairs, exit discharge. In all floors.	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.	

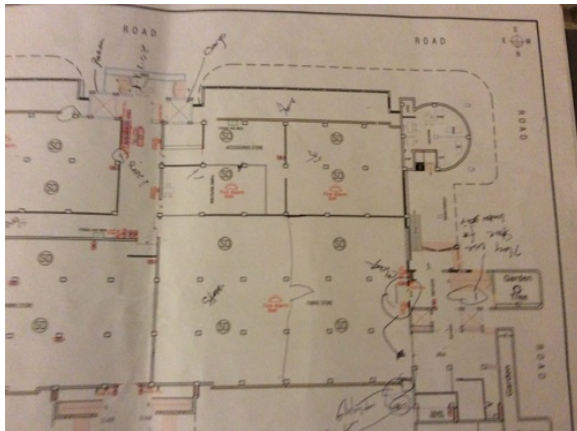




F-10	Egress	On the roof top there is a workers /staff dining assembly room serving more than 50 people the door swing for the exit doors are not correct.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
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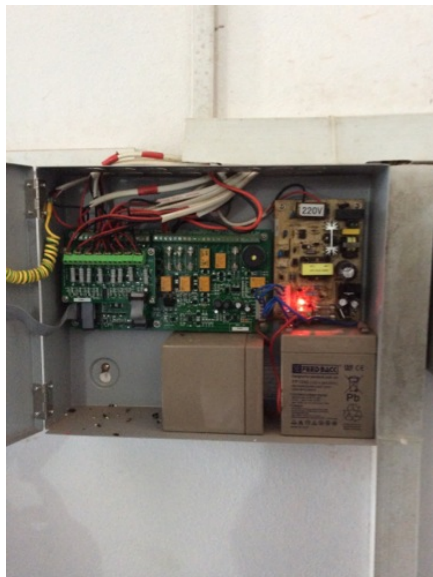
F-11	Egress	Common path of egress travel exceeds 30 m between accessories store ,fabric inspection , and storage room at ground floor	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 30 m.	Within 3 months
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F-12	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-13	Fire Protection	The fire alarm system is not an addressable type as reported , and does not provide features consistent with acceptable standards. It is found out that loop wiring for the smoke detector have splices and joints.And also old installed wires were used.	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	The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design-6 months; Installation -12 months
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F-15	Fire Protection	Inspection, testing, and maintenance records for the fire alarm system were not available.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months
F-16	Fire Protection	Smoke detectors quantities installed is not the same with the quantities shown in layout drawing.	Provide additional notification appliances such that the fire alarmsystem is audible throughout the building in accordance with NFPA 72.	Within 3 months



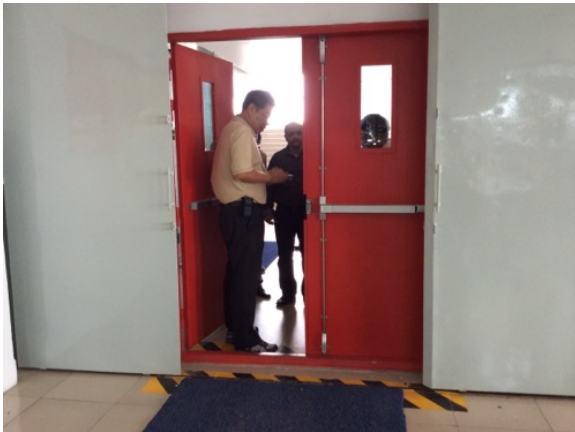
F-17	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Replace the single-station smoke alarms with automatic smoke detectors tied into the fire alarm system. Configure the fire alarm system to initiate occupant notification upon activation of any two smoke detectors in addition to the manual fire alarm stations.	Within 6 months
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F-18	Fire Protection	Fire doors was provided in exit stairwells but not UL listing is not indicated and automatic door closer is missing , and also door handle is not provided	Provide automatic door closer and shall be tested and inspected in accordance to NFPA-80	Within 6 months
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F-19	Fire Protection	The fire alarm system does not appear to provide adequate smoke detection coverage in all production floors in all levels. The quantities indicated in the plan is not the same as observe during inspection.	Provide additional smoke detection appliances such that the fire alarm system is audible throughout the building in accordance with NFPA 72.	Within 6 months
F-20	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. at ground floor store room there is not enough emergency lighting	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



F-21	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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