

FIRE SAFETY INSPECTION REPORT

SHANTA INDUSTRIES LTD
PLOT#198-201/220-223, DEPZ, GANAKBARI

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

July 16, 2014

SUMMARY

Shanta Industries Ltd was surveyed for fire safety on 7/16/2014 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 and generator rooms are not separated by fire-rated construction.	Separate the boiler and generator rooms 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	Rooms used for combustible storage are not separated by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



F-3	Fire Rated Construction	Egress paths from Office and Sample Mezzanines pass through storage rooms.	Modify stair arrangement to not pass through storage rooms.	Within 3 months
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F-4	Egress	Egress doors with locking features are provided at building exits and along egress routes. An Office Mezzanine door was fitted with an electronic lock.	Remove locking features from all egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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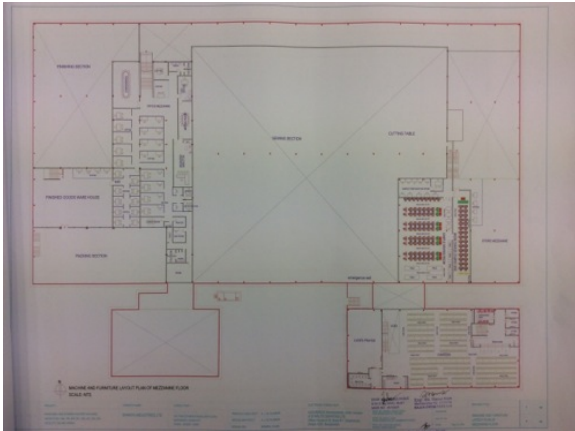
F-5	Egress	Common path of egress travel in Office Mezzanine exceeds 30 m., with an approximate distance of 43 meters.	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 30 m.	Within 3 months
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F-6	Egress	Egress doors serving 50 or more occupants from the Canteen Mezzanine do not swing in the direction of egress travel.	Modify the egress door to swing in the direction of egress travel.	Within 3 months
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F-7	Egress	Exit capacity from the Canteen Mezzanine (264) is not adequate for the occupant load (650).	Reduce occupant load to not more than available exit capacity (264). OR Provide additional exits.	Within 3 months
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F-8	Egress	The exits from the Sample Mezzanine are not remotely located from each other such that a single fire event could compromise both exits.	Provide additional exits.	Within 6 months
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F-9	Fire Protection	The fire alarm system does not provide visual notification features consistent with acceptable standards.	Provide visual notification in accordance with NFPA 72.	Design within 4 months, install within 9 months
F-10	Fire Protection	Inspection, testing, and maintenance of the fire alarm system is 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

SHANTA INDUSTRIES LIMITED
Fire and security Inspection
Dept of Building Maintenance

Date: 19-06-14

Items	Finding	Corrective Action	Remarks
Fire alarm control Board	OK	OK	
Smoke Detector	OK	OK	
Input Detector	OK	OK	
Fire Break Glass	OK	OK	
Fire Manual Bell	OK	OK	
Fire Auto Bell	OK	OK	
Power	OK	OK	
Emergency Light	OK	OK	
Exit Light	OK	OK	
CC camera	OK	OK	
Fire Hose Pipe	OK	OK	
Fire Hose Roll	OK	OK	
Fire equipment	OK	OK	
Fire Pump	OK	OK	
Fire Motor oil Pump	OK	OK	
Fire Alarm Bell	OK	OK	

Signature: [Signature] Date: [Signature] Date: [Signature]

F-11	Egress Lighting	Exit sign not provided at multiple exits.	Provide exit signs above all exits to the exterior and all doors along egress paths.	Within 1 month
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F-12	Egress Lighting	Exit signage not illuminated in multiple locations around the factory.	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs.	Within 1 month
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F-13	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system was 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
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SHANTA INDUSTRIES LIMITED
Fire and security Inspection
Dept of Building Maintenance

Date: 17-06-14

Items	Finding	Corrective Action	Remarks
Fire alarm panel Board	OK	OK	
Smoke Detector	OK	OK	
Heat Detector	OK	OK	
Fire Break Glass	OK	OK	
Fire Manual Bell	OK	OK	
Fire Alarm Bell	OK	OK	
Speaker	OK	OK	
Emergency Light	OK	OK	
Exit Light	OK	OK	
Fire Hose	OK	OK	
Fire Hose Pipe	OK	OK	
Fire Hose Roll	OK	OK	
Fire equipment	OK	OK	
Fire Pump	OK	OK	
Fire Make up Pump	OK	OK	
Fire Panel Board	OK	OK	

 Director/Manager
  Manager Building Maintenance
  Head of Maintenance