

FIRE SAFETY INSPECTION REPORT

Factory Name: JAROMS INDUSTRIES LTD.

ACCORD ID: 11719

ADDRESS: 13/2, Abdus Sattar Masttar Road, Tongi Gazipur, Bangladesh.

Google Coordinate: 23.957978N, 90.266449E

Other Factories: None



Inspected By: Dalower Hossain & Mohammad Atick Al Zaman

Date: 16 April, 2017.

Fire Safety Inspection Report

Factory Name: JAROMS INDUSTRIES LTD.

Introduction:

JAROMS INDUSTRIES LTD. complex was surveyed for fire safety on 16 April, 2017 by The Accord Inspection Team. The purpose of the 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.

Limitations

The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and, therefore, The Accord cannot accept general responsibility for omissions or errors arising from inaccuracies in this report from the information obtained.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, risks or exposures or that hazards, risks or exposures not referred to in this report do not exist. Compliance with the findings and recommendations stated in this report does not relieve the factory owner from obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.



General Factory Information

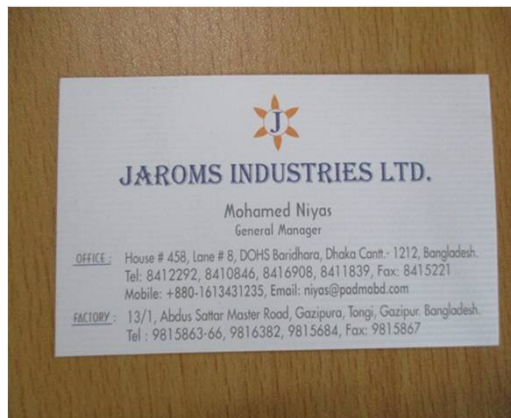
Factory Building name(s): JAROMS INDUSTRIES LTD.

Factory Address:13/2, Abdus Sattar Masttar Road, Tongi Gazipur, Bangladesh.

Points of contact:

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Findings & Recommendations :

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.

Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
1	Fire Rated Construction	Areas used for combustible storage are not separated by fire rated construction. [Location: Ground and 1st floor]	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Provide minimum 0.75 hrs. fire rated door on the door openings. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.45m (8ft.) and maximum area of 23m² (250 ft²) - If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m² (305ft²) Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months	
3	Egress	Egress doors / gates with locking features are provided at all exits of the main building.	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	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
4	Sliding Door & Gates	Collapsible gates/sliding doors/rolling shutter doors are provided at [building exits, exit stairs, along egress routes, exit discharge]	Replace all collapsible gates/ sliding doors/ rolling shutter doors along the means of egress with side-hinged, swinging egress doors.	Within 1 month	 



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
5	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire rated construction.	Provide minimum 1-hr rated doors for buildings with 3 or fewer stories and 1.5-hr fire rated doors for buildings that are 4 or more stories. 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. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
6	No Handrails	Handrails are not provided on both sides of each exit stairs on all floors. Having handrails on one side of said staircase, may pose as a falling hazard during evacuation. Or, Handrails are not provided at exit stairs.	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.)	Within 3 months	
7	Antiquated Fire Detection System	The fire detection system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire detection system with a new, listed addressable fire detection system in accordance with NFPA 72.	Design within 4 months, Install within 9 months	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
8	Aisle Width	The width of egress aisles is less than 36-in. on the ground floor.	Provide minimum aisle widths of 36-in.	Within 3 months	
9	Parapets or Guards	Parapets or guards are not provided in occupiable roof.	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 3 months	
10	Emergency Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	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	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
11	Opening/Penetration through Floor/Ceiling	Penetrations through floor/ceiling assemblies are found unsealed.	Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated materials to maintain the fire resistance rating. Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 3 months	
12	Discharge path	The exit discharge paths serving the North and Southeast exit stairs were less than 10 ft wide and were not separated from the building interior.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft., to provide a minimum 1-hr fire separation. Alternatively, provide a second remote discharge path to the public way (only include this if feasible)	Within 3 months	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
13	Fire Detection ITM	Inspection, testing and maintenance for 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 and ACCORD standards.	Within 3 Months	
14	Inspection, testing, and maintenance	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Within 3 Months	
15	Stair designation	Building did not have stair designation signs and occupant load signs at required locations.	Provide stair designation signs and occupant load signs at required locations.	Immediate	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
16	Door Swing	Egress door serving 50 or more occupants but does not swing in the direction of egress travel. Location : Main gate.	Modify swing direction of egress doors to the direction of egress travel. Doors serving an occupant load of more than 50 shall swing in the direction (out-ward) of egress travel .	Within 1 month	
17	Inspection, testing, and maintenance	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10.	Inspect, test and maintain the portable fire extinguishers and keep written records onsite, in accordance with NFPA 10 and ACCORD standards.	Within 3 Months	

