

FIRE SAFETY INSPECTION REPORT

Golden Refit Garments Ltd (Extension)

ACCORD ID: 12593

589, Chirirchala, Baghairbazar, Bhabanipur, Gazipur

GPS co-ordinates: 24.166656, 90.427159

Other Factories: None



Inspected By: Safawan Abayez, Nasif Javed Tofa

Date: 14 November, 2016

Fire Safety Inspection Report

Factory Name: Golden Refit Garments Ltd (extension)

Introduction:

Golden Refit Garments Ltd (extension) was surveyed for fire safety on 14 November, 2016 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.

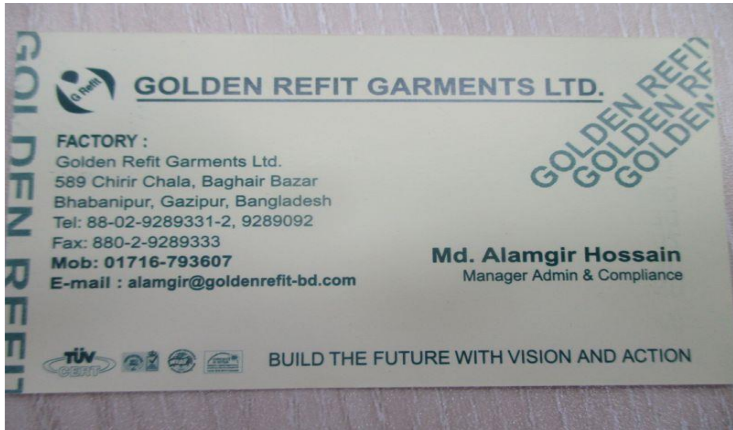


General Factory Information

Factory Building name(s): 1. 8 storey RCC building (Main Production Building)
2. Single storey RCC building (Utility Building)

Factory Address: 589, Chirirchala, Baghairbazar, Bhabanipur, Gazipur

Points of contact:

Md. Matiur Rahman Compliance Officer Golden Refit Garments Ltd. Contact No: 01721-751992 Email: matiur@goldenrefit-bd.com	Md. Alamgir Hossain Manager Admin & Compliance Golden Refit Garments Ltd. Contact No: 01716-793607 Email: alamgir@goldenrefit-bd.com
	



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.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Fire Rated Construction	Areas used for in-process storages of combustible materials are open to the factory floors. Location: 1st, 5th & 6th floors	Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. 2. 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. or 3. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months



				
F-2	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding areas due to unsealed penetrations. Location : Ground floor finished goods store (Penetrations due to lighting units & hydrant pipes)	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour fire rated construction. Seal all the penetrations to maintain the fire separation.	Within 3 months





F-3	Fire Rated Construction	The double leaf fire doors provided at south-east exit stairs are not equipped with door co-ordinators.	Provide door co-ordinators for double leaf fire doors for proper functioning. If fire rated doors are required to be held open for functional reasons, ensure automatic closing devices tied to the fire alarm system. Every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets ACCORD standard 6.8.3.1	Within 3 months
-----	-------------------------	---	---	-----------------





F-4	Fire Rated Construction	Penetrations through fire rated floor/ceiling assemblies are found unsealed. Location: South-East fire hydrant riser	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 or, Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	Within 3 months
-----	-------------------------	---	--	-----------------



				
F-5	Fire Rated Construction	The maintenance room is not separated by fire rated construction due to the penetrations created by hydrant boxes at every floor. Location: North-East side every floor	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required or, 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	Within 3 months



				
F-6	Fire Rated Construction	External air ventilation shaft connecting all the floors is not properly separated from each production floor by fire rated construction. Location: Air ventilation risers (South & North side of the factory building)	Provide a minimum 2-hr fire rated construction to separate the ventilation shaft from each floor level. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 3 months





F-7	Fire Rated Construction	Unsealed penetrations due to the non rated hydrant boxes were located in the exit stair enclosures	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separations.	Within 3 months
-----	-------------------------	--	--	-----------------





F-8	Fire Rated Construction	The openings of two elevator shafts discharging toward the processing floors are not fire rated. Though lift's door typically fire rated, but no credible certificate found for the lift's doors.	Provide a minimum 2-hr fire rated construction to separate the elevator shaft from each floor level. Protect the openings of shaft enclosure by providing minimum 1.5-hr rated opening protectives.	Within 3 months
-----	-------------------------	---	---	-----------------



				
F-9	Fire Rated Construction	The fire pump room is not provided with adequate fire separation. Location: Underground (Facility Building)	Provide fire pump room with 2 hr rated fire separation when not sprinklered and 1 hr rated fire separation when provided with automatic sprinklers in accordance with NFPA 20 Or, Physically separate the pump room from the protected building by a minimum of 50 ft. (15.3 m) in accordance with NFPA 13 & 20	Within 3 months





F-10	Egress	Storage was located in the exit north-west exit stairwell.	Remove all storage from exit stairs and egress paths.	Immediate
------	--------	--	---	-----------





F-11	Egress	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. Location: All 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
------	--------	---	--	-----------------





F-12	Egress	North-West exit stair does not have a proper exit discharge as well as the discharge path is unusable	Provide steps outside exit door from ground floor to courtyard and make a road / egress path for smooth discharge of occupants. Means of egress shall be maintained continuously free and clear of all obstructions	Within 1 month
------	--------	---	---	----------------





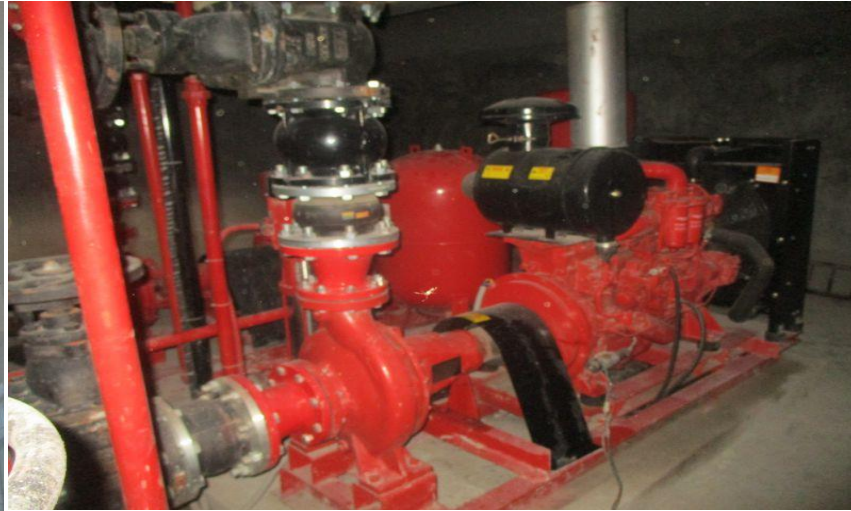
F-13	Egress	Building did not have stair designation signs or occupant load signs at the required locations.	Provide stair designation signs and occupant load signs at the required locations.	Within 1 month
F-14	Fire Detection & Alarm System	Fire detection & alarm system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit as built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval, modification shall have to done as per the reviewed design (if required) Upon approval & installation/modification the owner shall contact the Accord prior to conducting the final acceptance testing of the fire detection & alarm system installation.	Design within 1 month; Modification of the system (if required) within 4 months





F-15	Fire Protection System	Sprinkler system installation requires detailed review to confirm compliance with NFPA 13 and ACCORD standards	Submit as built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval, modification shall have to done as per the reviewed design (if required) Upon approval & installation/modification the owner shall contact the Accord prior to conducting the final acceptance testing of the sprinkler system installation.	Design within 1 month; Modification of the system (if required) within 6 months
------	------------------------	--	---	--





F-16	Egress Lighting	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along all egress aisles/routes. Location: Several aisles of several floors	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 all exit access aisles.	Within 3 months
------	-----------------	---	--	-----------------





F-17	Fire Extinguishers ITM	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
------	---------------------------	---	--	-----------------

