

FIRE SAFETY INSPECTION REPORT

Factory Name: Divine Garments Limited

ACCORD ID: 12802

ADDRESS: Koyerpara, Chowgacha, Jessore (23.255206, 89.039256)

Other Factories: None



Inspected By: Md. Mah mudur Rahman & Anayet Hossain

Date: 11 May 2017

Fire Safety Inspection Report

Factory Name: Divine Garments Limited

Introduction:

Divine Garments Limited complex was surveyed for fire safety on 11/05/2017 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): Divine Garments Limited

Factory Address: Koyerpara, Chowgacha, Jessore

Points of contact:

Name: Md. Saif Hassan

Designation: Director

Contact No: +8801777 750 454

Email: saifhassan@divinetextile.com

Name: Md. Moniruzzaman

Designation: Manager (HR & admin)

Contact No: +8801712 025 745

Email: moni@divinetextile.com



Findings & Recommendations :

The following "Table" 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	The exit stairs are not separated from [work areas, other spaces] on each floor by fire-rated construction. Improper assembled/missing of fire door accessories (door coordinator, vision panel etc.) have found, also kept open by using external objects.	Stair shall be enclosed with a minimum 2-hr fire-rated construction. Seal all unprotected openings and provide minimum 1.5-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, 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. The factory shall provide listing documents of fire doors.	Within 03 Months	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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2

Fire Rated Construction

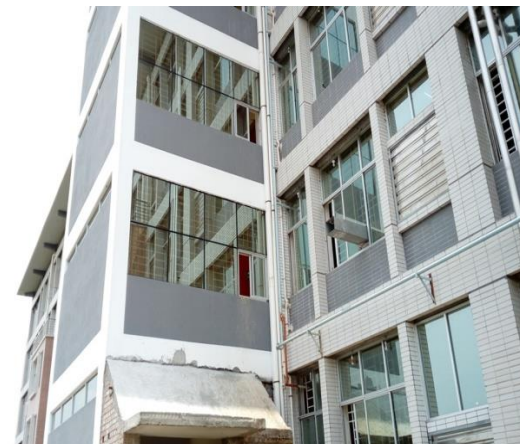
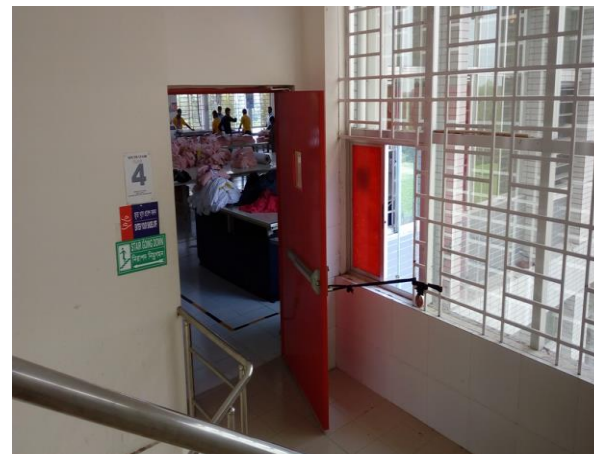
The exterior exit stair is not separated from the building.

Location: South Middle of the building

Exterior exit stairs shall be separated by minimum 2-hr fire-rated construction and The rating of the exterior wall shall extend 3.05 m (10 ft.) beyond the ends of the stair structure. Provide minimum 1.5-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, 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.

Within 03 Months



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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3

Fire Rated Construction

Areas used for in-process storage of combustible materials are open to the surrounding occupancy

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 03 Months



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
4	Fire Rated Construction	Unsealed penetrations and openings are located in utility shaft. Location(s): West site, Toilet Zone	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 03 Months	
5	Fire Rated Construction	Compressor Room is not separated properly from exit stair of utility building. Location: 1st Floor, Utility Building	Compressor room shall be separated from other occupancies by a minimum 1-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) should be protected by 0.75-hr (45 min) fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location.	Within 03 Months	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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6

Fire Rated Construction

Un protected openings have found to exit stair of utility building at ground level.

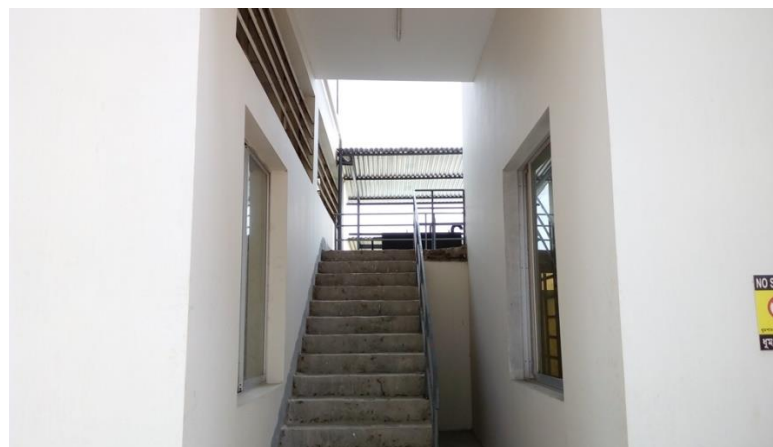
Also oil storage tank is not separated form **west side** of boiler room and **south side** of exit stair.

Location: Utility Building

Stair shall be enclosed with a minimum 2-hr fire-rated construction from generator, boiler or other heat producing areas and oil storage. Penetrations and openings (door, window etc.) should be protected by 1.5-hr fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location.

Also provide a minimum 2-hr fire-rated construction between boiler room and oil stores.

Within 03 Months



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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7 Egress

Handrails are not provided in the both side of exit stair.

Provide handrails on both side of exit stair having a minimum height 34 in. or maximum 38 in.

Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.)

Within 01 Month

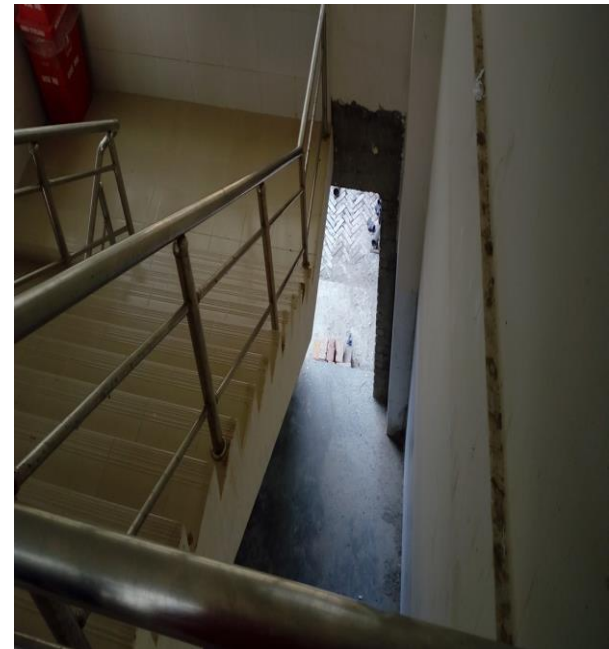


8 Egress

Handrail has been provided in both side of the exterior exit stair but height has found less than 34 in (actually 31 in). Moreover this handrail will be also used as guard rail because just opposite side of hand rail is like a open shaft/atrium from ground to 4th floor.

Provide handrails / guardrails on both side of exit stair having a minimum height 38 in. and maximum 42 in.

Within 01 Month



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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9 Egress

Storage was located in the exit stair.
Location: External exit stair, South side

Remove all storage from exit stairs and egress path

Immediate



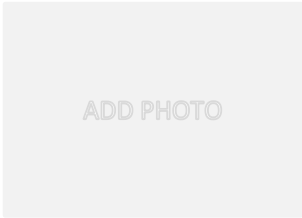
10 Egress Lighting

Exit signage not illuminated during inspection/testing (burned out, broken, etc.).

Regularly inspect all emergency lighting system as per Accord standard and replace/install lights as needed to illuminate signs.

Immediate



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
11	Egress Lighting	Exit sign not provided at exit. Location: Ware House	Lighted exit signs shall be placed at entrance to an exit. Additional exit signs shall be placed throughout the facility anywhere the continuation of the egress is not obvious. Lighted exit signs shall be provided with either battery backup or uninterruptable power supply systems and shall be continuously illuminated.	Immediate	
12	Fire Alarm & Detection System	The existing building is not provided with a listed automatic fire detection and notification features.	Install the listed addressable fire alarm system throughout the buildings & sheds in accordance with NFPA 72. After complete installation inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Design Within 02 Months & Installation within 06 Months	



Sl No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
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13	Water Based Fire Protection System	The existing factory building with an Occupiable floor greater than 10 m (33 ft.) above the finished grade is not protected with an approved standpipe system.	Provide a standpipe system throughout the building in accordance with NFPA 14. After complete installation, inspect, test and maintain the standpipe system, and keep written records on-site, in accordance with NFPA 25 or as per Accord standard.	Design Within 02 Months & Installation within 09 Months	
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