

# FIRE SAFETY INSPECTION REPORT

## HOPLUN APPARELS LTD.-(UNIT-2)

ACCORD ID: 12447

ADDRESS: Noujor, Kadda Bazar, Gazipur Sadar, Gazipur-1346, Bangladesh, Gazipur District.  
(23.9879311, 90.3601456)

Other Factories: None



Inspected By: Md. Dalower Hossain & Md. Anayet Hossain  
Date: June 09, 2016

# Fire Safety Inspection Report

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## Introduction

HOPLUN APPARELS LTD.-(UNIT-2) complex was surveyed for fire safety on 9/06/2016 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.

## 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	Finding	Required Action	Remediation Time Frame
1	Fire Rated Construction	Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas by fire rated construction. Location: Various floor.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction. Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated	Within 03 Months



2	Fire Rated Construction	<p>Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location: Various Floor.</p>	<p>Provide defined storage areas and limit the storage arrangement as follows:-</p> <ol style="list-style-type: none"> <li><b>1. General Condition:</b> Maximum height of 2.4m and maximum area of 23m<sup>2</sup>. Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.</li> <li><b>2. If sprinkler protected:</b> maximum height of 3.66m and maximum area of 93m<sup>2</sup>. Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. or</li> <li><b>3. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.</b></li> </ol>	Within 03 Months
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3	Fire Rated Construction	<p>Unsealed penetrations and openings are located to exit stair. Location: exit stair-2 in all floors.</p>	<p>Seal all penetrations and openings in the wall of exit enclosure walls (full thickness of the wall) by fire rated materials to maintain the required fire rating.</p>	Within 01 Month
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4	Fire Rated Construction	<p>The exit stairs are not separated from [work areas, other spaces] on each floor by fire rated construction.</p> <p>Location: All Floor.</p>	<p>Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire rated doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.</p> <p>If fire rated doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.</p> <p>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 ACCORD standard 6.8.3.1</p>	Within 03 Months
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5	Egress	<p>Doors along means of egress are provided with non compliant locking system.</p>	<ol style="list-style-type: none"> <li>1. Remove all non compliant locking features from egress doors.</li> <li>2. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</li> <li>3. Doors may be locked where the latch and lock are disengaged with one motion where the occupant load does not exceed 49 persons.</li> <li>4. Doors may be provided with locking hardware from the ingress side provided that a panic bar is installed on any door with an occupant load exceeding 49 persons.</li> </ol>	Immediate
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6	Egress	The elevator [all floors] discharges inside the production floor. [Unsealed penetrations & openings]	Provide a minimum 2-hr fire rated construction to separate the elevator shaft from each floor level. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 03 Month
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7	Unprotected Exterior Discharge Path	The exit discharge path [rear exit] is less than 10 ft wide and is 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 03 Month
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8	Dining Area	Dinning area has not been separated from working areas ( other surrounding). Location: 6th Floor.	Provide a minimum 2-hr fire rated construction to separate the dinning area. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 03 Months
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9	Fire Alarm & Detection System	The existing fire alarm system is not a listed system and does not provide automatic 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 04 Months & Installation Within 09 Months
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10	As Built Sprinkler 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	Design within 1 month, Modification as per the reviewed design ( if required ) within 3 months.
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11	Fire Alarm & Detection System	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Within 03 Months
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12	Egress Lighting	Emergency Light & Exit signage is not illuminated during testing (burned out, broken, etc.).	Regularly inspect all exit signage as per Accord standard and replace/install lights as needed to illuminate signs.	Within 01 Months
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13	Sprinkler System ITM	Inspection, testing, and maintenance of the automatic sprinkler system is not in accordance with NFPA 25.	Inspect, test and maintain the automatic sprinkler system, and keep written records on-site, in accordance with NFPA 25.	Within 3 months
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14	Egress Lighting	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 01 Month
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15	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 03 Months
16	No smoking sign	The required no smoking signs are not present in the factory.	Smoking is prohibited in any garment factory building or separate storage building. Signs shall be posted in Bengali and English at all building entrances. If the factory creates a designated smoking area outside the building, information of these areas will be posted on the signs.	Within 1 month
17	Egress	Each exit stairs serve more than 5 stories and do not have required re-entry provisions.	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
18	Stair Sign & Occupant	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.	Immediate
19	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 on site, in accordance with NFPA 10 and ACCORD standards.	Within 3 months