

# FIRE SAFETY INSPECTION REPORT

**FUJI KNITWEARS LIMITED**

**ACCORD ID: 12656**

**Hossain Ahmed Road (Opposite Of Police Line), Fatullah, Narayanganj  
(23.633481,90.482716).**

**Other Factories: None**



**Inspected By: Nirmal Chandra Sinha and Md. Mahmudur Rahman**

**Date: 12 March 2017**

# Fire Safety Inspection Report

## Factory Name: Fuji Knitwears Limited

### Introduction:

**Fuji Knitwears Limited** was surveyed for fire safety on 12 March, 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):** Fuji Knitwears Limited

5 storied RCC building with one basement

**Factory Address:** Hossain Ahmed Road (Opposite Of Police Line), Fatullah, Narayanganj.

### Points of contact:

1. MoinuddinAhmed

Director

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: fujiknit@btsnet.com

2. Mohammad Hannan

Manager (Admin, HR & Compliance)

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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.



**Table-1: Findings And Recommendations**

SI No.	Category	Finding	Recommendation	Remediation TimeFrame
F-1	Fire Rated Construction	Areas used for combustible storage are not separated by fire rated construction on ground, first and second floor.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. 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 23m <sup>2</sup> (250 ft <sup>2</sup> ) - If sprinkler protected: maximum height of 3.66m (12ft.) and maximum area of 93m <sup>2</sup> (1000 ft <sup>2</sup> ) Separate areas of unenclosed combustible storage by a minimum clear distance of 3m (10ft.).	Within 3 months



F-2	Fire Rated Construction	Rooms used for combustible storage are not separated by fire rated construction on basement floors.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
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F-3	Fire Rated Construction	Unsealed electrical shafts are located in the fire-rated floor/ceiling assemblies.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level and seal all penetrations in floor/ceiling assemblies to maintain the fire separation.	Within 3 months
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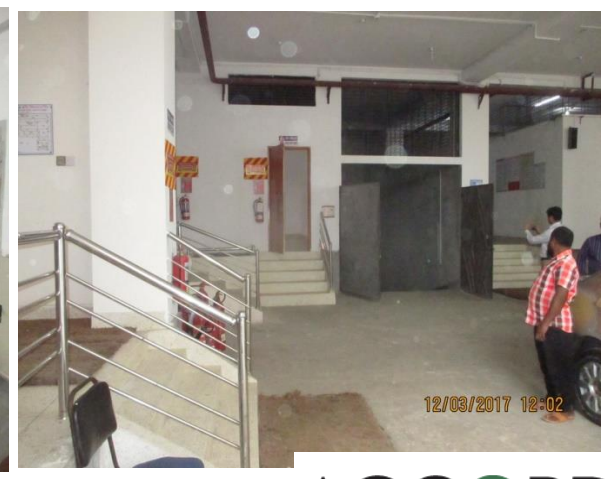
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F-4	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces on each floor by fire rated construction.	<p>Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr. fire-rated construction. Provide minimum 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.</p> <p>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.</p> <p>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 ACCORD standard 6.8.3.1.</p>	Within 3 months
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F-5	Fire Rated Construction	Exit stair(s) is discharge the occupants inside the building.	<ol style="list-style-type: none"> <li>1. Modify stair to discharge directly outside.</li> <li>Or</li> <li>2. Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas).</li> <li>Or</li> <li>3. Provide sprinkler protection for discharge floor in accordance with NFPA 13.</li> </ol>	Within 3 months
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F-6	Fire Rated Construction	Generator & Transformer room is not been separated by fire rated construction from parking areas and between each other.	Separate the generator and transformer rooms by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations. Provide proper ventilation and consult a qualified engineer.	Within 3 months
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F-7	Fire Rated Construction	The exit discharge path 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 3 months
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F-8	Fire Rated Construction	Dining located at 4t floor and not separated from production areas by fire rated construction.	Relocate the dining area from production floor to safe place. Or Separate the dining area by minimum 2-hr fire rated construction from production areas. Also ensure direct access to exit stair from dining areas/room.	Within 3 months
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F-9	Egress	Aisles have found blocked and not been provided in areas.	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.).	Immediately
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F-10	Egress Lighting	Exit signage 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 1 months
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F-11	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
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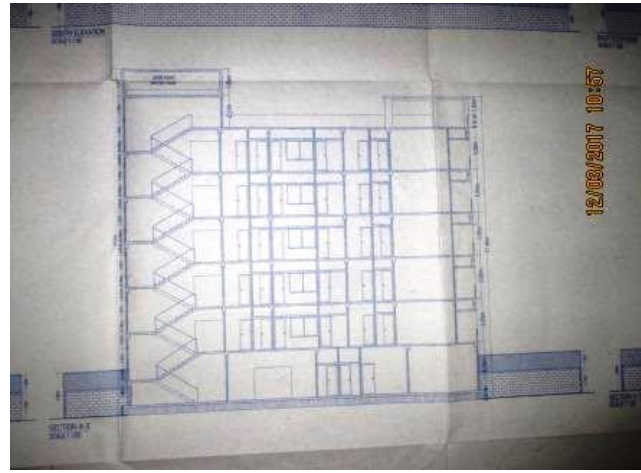
F-12	Egress	Parapets or guards are not provide in Occupiable roof	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 1 months
				
F-13	Fire Alarm & Detection System	The existing fire alarm system is not a listed system and also not approved by AHJ	Modify/Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Within 06 Months





F-14	Fire Alarm & Detection System	Inspection, testing, and maintenance for the fire alarm system were 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 1 month (after installation)
F-15	Fire Protection	The required standpipe system is not installed in accordance with the ACCORD standard.	Install a new standpipe system in accordance with ACCORD standard 5.4 and NFPA 14. A class III system shall be installed in buildings with the highest Occupiable floor 10 m (33 ft.) above grade or more. A class I system shall be permitted in buildings protected throughout by an approved automatic sprinkler system.	Design within 4 months, install within 9 months





F-16	Fire Protection	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.	Within 3 months
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