

FIRE SAFETY INSPECTION REPORT

SCARLET KNITWEARS LTD.

**PLOT # B 160-163, BSCIC INDUSTRIAL ESTATE,
FATULLAH**

OTHER FACTORIES: NONE



ACCORD
on Fire and Building Safety in Bangladesh

May 24, 2014

SUMMARY

Scarlet Knitwears Ltd. was surveyed for fire safety on 5/24/2014 by Hughes Associates, Inc. This summary identifies the major deficiencies that were identified during the inspection.

The purpose of this 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.

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

No.	Category	Finding	Recommendation	Remediation Timeframe
F-1	Fire Rated Construction	The transformer room is not separated by fire-rated construction from egress path on the ground floor (non-rated doors).	Separate the transformer room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months
				
F-2	Fire Rated Construction	Rooms used for combustible storage on the ground and 9th floor are not separated by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months



F-3	Fire Rated Construction	The exit stairs are not separated from the work areas on each floor, and the gas meter room and HT meter room on the ground floor by fire-rated construction.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other 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.	Within 3 months
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F-4	Egress	Egress gates with locking features are provided at exit discharge.	Remove locking features from all egress gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
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F-5	Fire Protection	The fire alarm system is antiquated, not a listed system, and does not provide 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 4 months, install within 9 months
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F-6	Fire Protection	The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design within 6 months, install within 12 months
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2014
Saturday 24

16th Day 221 Left

Scarlet Knitwears Ltd.

ABC	오늘의 우선업무	예정일정
9 12'	✓	9
1 10'	✓	10
2 10'	✓	11
3 10'	✓	12
4 10'	✓	1
5 10'	✓	2
6 10'	✓	3
7 10'	✓	4
8 10'	✓	5
9 10'	✓	6

92'

F-7	Fire Protection	Inspection, testing, and maintenance for the fire alarm system was 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 3 months
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F-8	Fire Protection	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove the single-station smoke alarms. Provide automatic smoke detection throughout the building in accordance with NFPA 72. When complete sprinkler protection is provided throughout a floor with waterflow devices designed to initiate the alarm notification, smoke and fire detection devices can be eliminated throughout that floor.	Within 6 months
F-9	Egress Lighting	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
