

# FIRE SAFETY INSPECTION REPORT

**Factory Name: SHANGUTEX LIMITED**

**ACCORD ID: 12626**

GPS Coordinate: 23.884433, 90.304442

**ADDRESS: Dosaid, Ashulia, Savar, Dhaka, Bangladesh.**

**Other Factories: None**



**Inspected By: Raju Ahmed & Ashfiq Ur Rahman**  
**Date: March 01, 2017.**

# Fire Safety Inspection Report

Factory Name: SHANGUTEX LIMITED.

## Introduction:

SHANGUTEX LIMITED complex was surveyed for fire safety on 01 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): SHANGUTEX LIMITED.

Factory Address: Dosaid, Ashulia, Savar, Dhaka, Bangladesh.

### Points of contact:

1. Name: Md. Yunus Ali.

Designation: Director

Contact No: +8801711898393

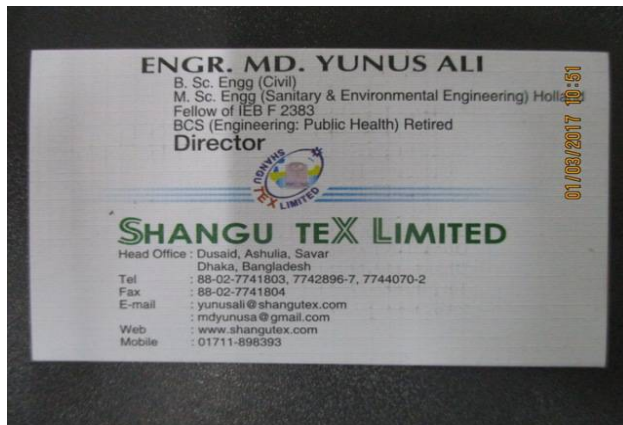
Email: yunusali@shangutex.com

2. Name: Md. Nazmul Karim.

Designation: Manager ( Admin & Compliance)


Contact No: +8801917071132

Email: amin-stl@yahoo.com






## Findings & Recommendations :



Following table (Building: 1, 2, 3) 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	Pictorial Evidence
1	Fire Rated Construction (Building 3)	All exit stairs are not separated from work areas and other spaces on each 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 building 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	






SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
2	Non complaint gates ( Building 1,2, & 3 )	Collapsible / Sliding doors are provided at overall exit doors & exit stairs.	<p>Replace all collapsible/ sliding type doors &amp; gates by the side-hinged swinging type doors.</p> <p>If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Immediate	 
3	Non complaint locking features (Building 1,2 & 3)	Egress doors and gates with locking features are provided at several exit doors & exit stairs.	<p>Remove locking features from all egress doors &amp; gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.</p>	Immediate	




SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
4	Fire Rated Construction (Building 1,2 & 3)	Areas used for in-process storage (Inspection Goods) of combustible materials are open to the surrounding occupancy. Location: Building A (all floors)	Provide defined storage areas and limit the storage arrangement as: 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	Within 2 months	
5	Fire Rated Construction ( Building 3 )	Room used for storage of combustible materials (Accessories store & Bonded Ware House) is not separated from the surrounding occupancy. Location: Building 3 (ground floor).	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 months	






SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
6	Storage in stair ( Building 3 )	Storage was located in & under the exit stair.	Keep stairs clear of storage.	Immediate	
7	Unsealed Floor/Ceiling Penetrations	Unsealed penetrations and openings are located in the Generator & Transformer room. Location: Close to building 1.	Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 1 month	
8	Fire Fighting system (Building 3)	The existing building has an occupied floor greater than 10 meter (33 feet) and is not provided with standpipe protection.	Install a new class III standpipe system & fire department connection in accordance with NFPA 14. A class I system shall be permitted in buildings protected throughout by an automatic sprinkler system.	Design within 3 months, Install within 6 months	






SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
9	Standpipe ITM	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 14. Handrails are not provided in the exit stair.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 14 and ACCORD standards.	Within 3 months	ADD PHOTO
10	Fire Alarm System ( Building 1, 2 & 3 )	The Required Fire Alarm system is not installed in accordance with the ACCORD standard Or NFPA-72.	Design of Fire Alarm system should be in accordance with ACCORD standard and NFPA 72.	Design Submission 2 months and Installation 4 months.	
11	Fire Alarm System	The fire alarm system does not appear to provide adequate audible notification coverage.	Provide additional notification appliances such that the fire alarm system is audible throughout the building in accordance with NFPA 72.	Within 3 months	ADD PHOTO



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
12	Fire Alarm 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 3 months	
13	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 on-site, in accordance with NFPA 10 and ACCORD standards.	Within 3 months	
14	Emergency Egress Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed. Location: All over the factory	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
15	Inspection, testing and maintenance	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 3 months	
16	Stair, Floor designation & Occupant load sign	Building did not have stair, floor designation signs & Occupant load sign at the required locations.	Provide stair, floor designation signs & Occupant load sign at the required locations.	Within 2 Months	
17	Service Room Separation	The Boiler room is not separated by fire rated construction (openings, non-rated doors, penetrations) Location: Between Shed 2 & Building 3.	Separate the boiler room by a minimum 2-hr fire rated construction (for high rise building)/ 1-hr fire rated construction (for low rise building). Seal and/or protected all openings to maintain fire separations.	Within 3 months	



SI No.	Category	Findings	Required Action	Remediation Time Frame	Pictorial Evidence
18	Handrail	Handrails are not provided on both sides of the exit stairs.	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865mm (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	