INITIAL FIRE ASSESSMENT REPORT (FAR)

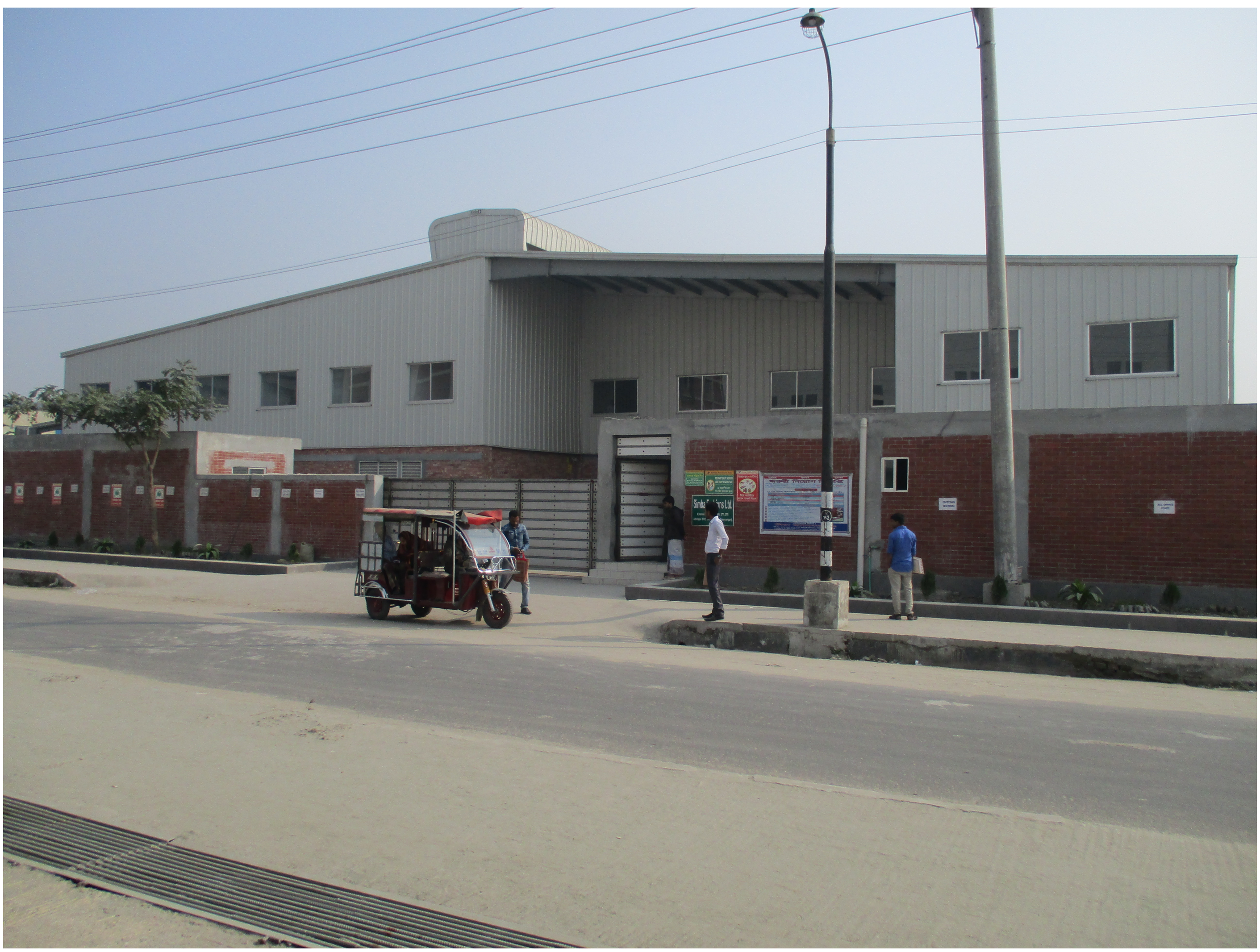
Factory Name:	**SIMBA FASHION LTD Extension plot**
Address:	**Plot # 259,260,277,278 Adamjee EPZ, Siddirgonj, Narayangonj Siddirgonj Dhaka Bangladesh**
Assessor:	**BD Technologies**
Date:	**17 Jan 2016**

Introduction to the Report

The following report contains a site profile and summary of non-conformities identified during an onsite assessment commissioned by the Alliance for Bangladesh Worker Safety (Alliance) and conducted by a third-party Qualified Assessment Firm (QAF). The assessment was conducted against the Alliance for Bangladesh Worker Safety Assessment Protocols (APs) and Fire Safety and Structural Integrity Standard, which is harmonized with the factory assessment guidelines developed by Bangladesh University of Engineering and Technology (BUET) for the Bangladesh National Tripartite Plan of Action (NTPA). The goal of the Alliance process is to provide clear and practical technical requirements by which Bangladeshi Ready Made Garment (RMG) Factories producing for Alliance members may be consistently and fairly evaluated for fire, structural, and electrical safety in a non-duplicative manner. Each assessment will prompt action plans that will be used by RMG factories to systematically and sustainably improve safety conditions for garment workers. Beyond tracking and reporting on action steps taken in a transparent manner, the Alliance organization and its members will seek to further support factory improvements through technical assistance, training, implementation support for functional Worker Committees, and in some cases financial assistance and wage support for workers if factories are closed for remediation.

The contents of the report do not constitute a guarantee of compliance with the applicable laws, the Alliance Standard or the absolute or continued safety against fire, electrical and/or structural integrity issues that may lead to injury or loss of life. The report is designed to provide a non-exhaustive summary of risk issues, based on a limited sampling and duration of time onsite by the named QAF. Neither the QAF nor the Alliance can certify or guarantee the quality, outcome, or effectiveness of actions taken in response to the report.

For more information and report feedback please go to: www.bangladeshworkersafety.org.



GENERAL INFORMATION

General Information	
Factory Name:	SIMBA FASHION LTD Extension plot
Address:	Plot # 259,260,277,278 Adamjee EPZ, Siddirgonj, Narayangonj Siddirgonj Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Siddirgonj
Zip Code:	
Audit Duration:	8 Hours
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	19.01.2016
Final Report Date:	20.01.2016
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	There are 4 buildings, one main factory building and three ancillary sheds. 1) Main factory building; 2) Ancillary-1 (Security room); 3) Ancillary-2 (Fire pump and FACP room); 4) Ancillary-3 (Utility building).
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	1) Main Factory Building: 1-story plus mezzanine.
Approximate Building Area (SF):	Total area of all buildings in the factory premises: 134,533 SF. 1) Main Factory Building: 130,970 SF.
Date of Building Construction:	2014-2015
Date of Last Building Renovation/Addition:	N/A
Ancillary Structures in Complex:	1) Ancillary-1 (Security room); 2) Ancillary-2 (Fire pump and FACP room); 3) Ancillary-3 Utility building).
Approximate Ancillary Structures Area (SF):	1) Ancillary-1 (Security room): 200 SF; 2) Ancillary-2 (Fire pump and FACP room): 200 SF; 3) Ancillary-3 (Utility building): 2,236 SF.

Number of Occupants:	Total number of occupants: 1,226.
Number of Ancillary Levels (Stories):	All Ancillary buildings: 1-story.
Occupancy Type:	G2, E, F, H, and K.
Construction Type:	1) Main Factory Building: Non-rated; 2) Ancillary-1: Type 2; 3) Ancillary-2: Type 2; 4) Ancillary-3: Type 2.
Height of Highest Occupied Floor Level Above Grade:	1) Main Factory Building: 3.96 m (13 ft); 2) All Ancillary Buildings: At grade.

ASSESSMENT FINDINGS

Fire Protection Construction

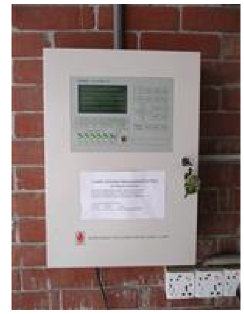
Question:	Are openings and penetrations through rated walls and/or assemblies protected?	  
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Some unprotected penetrations were found in the Main Factory Building. An unprotected penetration between boiler room and main production floor. The penetration was due to electrical conduit not being properly protected.	
Source of Findings:	Photograph: Some opening was found during assessment.	
Suggested Plan of Action:	Provide fire-resistive rated opening or penetration protection for rated walls and assemblies in accordance with Alliance Standard Sections 4.6 and 4.7. Consult a qualified fire protection engineer to design the required opening or penetration protection systems.	
Suggested Deadline Date:	06 Apr 2016	
Standard:	Includes doors, windows, ducts, piping, etc. Reference Alliance Standards Part 4 Section 4.6 Opening Protectives and Section 4.7 Penetrations	
Question:	Certificates of Occupancy for each building have been issued and are on file.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Occupancy Certificate for factory building was not found during assessment.	
Source of Findings:	Document Review: Factory management did not provide any document during assessment period.	
Suggested Plan of Action:	Apply to appropriate authority in an expeditious manner for issuance of the Certificates of Occupancy for each building and ancillary structure according to building use.	
Suggested Deadline Date:	02 Mar 2016	
Standard:	Are certificates of occupancy provided for each building or ancillary structure?	

Fire Protection Systems

Question:	Does the building have a Standpipe System?	 
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Factory building is a single story prefabricated steel shed with Mezzanine floor. According to Alliance standard standpipe system is not required but the Factory has a Class I standpipe system. Design drawings and hydraulic calculations are not available. It is recommended to keep and maintain the standpipe system for added protection.	
Source of Findings:	Photograph: Class I standpipe system installed.	
Suggested Plan of Action:	Prepare shop drawings and hydraulic calculations (as outlined in NFPA 14) for the installed system and submit to the Alliance for review. Should the existing standpipe system be found to be not in compliance with the design requirements of NFPA 14, modify or replace the system, as needed, for compliance. Prepare revised drawings and calculations for review by the Alliance prior to any modification or installation.	
Suggested Deadline Date:	06 Apr 2016	
Standard:	Does the building have a standpipe system installed where required. Alliance Standard Part 5 Section 5.4.2	
Question:	Does the building have a fire pump?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Factory building is a single story prefabricated steel shed with Mezzanine floor. According to Alliance standard a Fire Pump is not required but the Factory has a Fire Pump. Design drawings and hydraulic calculations are not available.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 17th January, 2016.	
Suggested Plan of Action:	Verify that the dedicated fire pump for the facility is installed in accordance with NFPA 20 and capable of supplying the demands of the connected fire protection systems along with a stored source of water sufficient to meet the demands in accordance with NFPA 22. Provide design documentation and hydraulic calculations in accordance with Alliance Standard Section 5.5.1.1. All documents shall be submitted for Alliance review in accordance with Section 5.5.1.2 prior to any modifications.	
Suggested Deadline Date:	29 Jun 2016	
Standard:	Alliance Standard Part 5 Fire Protection Systems	
Question:	Trouble or alarm notifications were not indicated on the fire alarm control panel.	

Priority Level:	High	
Non-Compliance Level:	2	
Description:	Trouble or alarm notifications were indicated on the fire alarm control panel.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 17th January, 2016.	
Suggested Plan of Action:	Have the system inspected and/or repaired by a qualified fire alarm installation company.	
Suggested Deadline Date:	30 Mar 2016	
Standard:	Alliance Standard Part 13 Section 13.10 Maintenance of Fire Protection Equipment	
Question:	Are notification and initiation devices for the fire alarm system installed at required locations based on occupancy type?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Notification and initiation devices for the fire alarm system are installed at required locations based on occupancy type, but the fire pump is not monitored as required by the Alliance Standard.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 17th January, 2016.	
Suggested Plan of Action:	Install initiating devices as required by the Alliance Standard and NFPA 72. This includes electrical supervision of all valves controlling fire protection systems (fire pumps, water supplies, etc.). Connect devices to an automatic fire alarm and detection system for the facility. All fire alarm installations or modifications shall be documented with shop drawings and submitted for review by the Alliance prior to commencement of installation.	
Suggested Deadline Date:	20 Apr 2016	
Standard:	Pull stations at egress points, smoke detectors in air handling equipment, visual and audible devices spaced appropriately based on occupancy type. Reference NFPA 72	

Question:	Is the fire alarm and detection system monitored by a central station monitoring service or directly connected to the Fire Service and Civil Defense?
Priority Level:	Medium
Non-Compliance Level:	2
Description:	The factory has an addressable fire alarm and detection system and it is centrally monitored by a person trained to contact the Fire Service and Civil Defence in the event of fire alarm activation shall be provided. Fire pump and fire doors are not interfaced with the fire alarm system.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 17th January, 2016.
Suggested Plan of Action:	Once available arrange for direct connection of the fire alarm and detection system to a central station monitoring service or the Fire Service and Civil Defence as per Alliance Standard Section 5.7.5. Prepare Drawings for the installed system and submit them for approval by the Alliance and implement accordingly.
Suggested Deadline Date:	02 Mar 2016
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring



Question:	Are fire department connections provided and clearly identified for the Fire Protection Systems?
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Fire department connections were provided but signage was not found during inspection.
Source of Findings:	Photograph: Fire department connections.
Suggested Plan of Action:	Provided clear identification for the fire department connections.
Suggested Deadline Date:	02 Mar 2016
Standard:	Alliance Standard Part 5 Section 5.5.4 Fire Department Connections

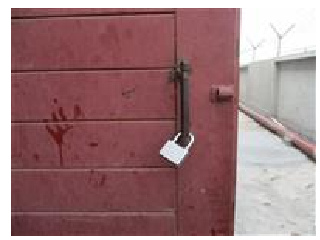
Question:	Fire extinguishers are inspected, tested, and maintained as required.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Fire extinguisher inspection, testing, and maintenance reports were not available.
Source of Findings:	Document Review: According to visual assessment of this factory on 17th

	January, 2016.
Suggested Plan of Action:	Establish an inspection, testing, and maintenance program for all fire extinguishers and prepare proper documentation. Program must comply with NFPA 10.
Suggested Deadline Date:	29 Jun 2016
Standard:	NFPA 10 Chapter 7
Question:	Are inspection, maintenance, and testing procedures of the standpipe and hose system documented and up to date? Including inspection and testing of hoses if provided.
Priority Level:	Low
Non-Compliance Level:	3
Description:	Inspection, maintenance, and testing records for the standpipe and hose system were not found.
Source of Findings:	Document Review: According to document review of this factory on 17th January, 2016.
Suggested Plan of Action:	Establish an inspection, testing, and maintenance program for the standpipe system. Program must comply with NFPA 25.
Suggested Deadline Date:	29 Jun 2016
Standard:	Reference NFPA 25 Chapter 6 Standpipe and Hose Systems Table 6.1.1.2
Question:	Is signage for the standpipe system installed at required locations and on required components?
Priority Level:	Low
Non-Compliance Level:	1
Description:	Signage for the standpipe system is not installed at required locations or on required components.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 17th January, 2016.
Suggested Plan of Action:	Install signage at required locations and on required equipment. Signage must comply with NFPA 14.
Suggested Deadline Date:	02 Mar 2016
Standard:	Reference NFPA 14 Chapter 6
Question:	Are inspection, maintenance, and testing procedures of the fire pump documented and up to date?

Priority Level:	Low
Non-Compliance Level:	1
Description:	Appropriate inspection, maintenance, and testing records for the fire pump were not found.
Source of Findings:	Document Review: According to document review of this factory on 17th January, 2016.
Suggested Plan of Action:	Establish an inspection, testing, and maintenance program for the fire pump. Program must comply with NFPA 25.
Suggested Deadline Date:	29 Jun 2016
Standard:	Reference NFPA 25 Chapter 8 Fire Pumps

Means of Egress

Question:	Doors are not locked in the direction of egress under any conditions. All hasps, locks, slide bolts, and other locking devices have been removed where required.
Priority Level:	High
Non-Compliance Level:	2
Description:	Doors were found open during the audit period but locking devices are present with the egress doors or gates.
Source of Findings:	Photograph: Locking device found during inspection.
Suggested Plan of Action:	Remove all locking devices from all egress doors and means of egress components in accordance with Alliance Standard Section 6.8. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.
Suggested Deadline Date:	24 Feb 2016
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates



Question:	Occupant loads are posted for every assembly and production floor in a conspicuous space near the main point of egress.
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Occupant loads are not posted in any section of the factory.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 17th January, 2016.
Suggested Plan of	Post the occupant load for all assembly and production floor areas in a

Action:	conspicuous space near the main exit or exit access doorway for the space in accordance with Alliance Standard Section 6.4.4.	
Suggested Deadline Date:	24 Feb 2016	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
Question:	Emergency power for means of egress illumination is verified at least once per year. If battery operated lights are used, these lights are tested on a monthly basis. Functional testing of battery powered lights is provided for a minimum 90 min once per year.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Testing records for emergency power for means of egress illumination system were found but they were not compliant with the Alliance standard.	
Source of Findings:	Document Review: According to document review of this factory on 17th January, 2016.	
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the emergency power for all egress lighting is verified at least once per year. If battery operated lights are used, these lights shall be tested on a monthly basis. Functional testing of battery powered lights shall be provided for a minimum 90 min once per year.	
Suggested Deadline Date:	24 Feb 2016	
Standard:	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting	
Question:	Emergency power for exit signs is tested at least once per year. If battery operated, these lights are tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 min once per year.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Testing records for emergency power were not found.	
Source of Findings:	Document Review: According to document review of this factory on 17th January, 2016.	
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the emergency power for exit signs is verified at least once per year. If battery-operated signs are used, these signs shall be tested on a monthly basis. Functional testing of battery powered signs shall be provided for a minimum 90 min once per year.	
Suggested Deadline Date:	24 Feb 2016	

Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	
Question:	Illuminated exit signs are placed at entrances to exits and along the path of egress anywhere the continuation of egress is not obvious or there is a change in the direction of the path of travel.	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Illuminated exit signs are placed at entrances to exits along the path of egress but not placed at change in the direction of the path of travel.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 17th January, 2016.	
Suggested Plan of Action:	Provide continuously illuminated exit signs per Alliance Standard Section 6.11. Signs shall be placed at all required exits and along egress paths, especially where there is a change in direction for the path of travel.	
Suggested Deadline Date:	29 Jun 2016	
Standard:	Alliance Standard Part 6 Section 6.11 Exit Signs	
Question:	Stair designation signs are provided at each floor entrance from the stair to the floor in English and Bengali. Signs indicate the name of the stair and the floor level. Signs are posted adjacent to the door.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	The building is a single storied prefabricated shed with Mezzanine floor. There are several stairs from production floor to mezzanine floor and it is used as exit stairs for worker when they are on mezzanine floor. Stair designation sign are not provided anywhere in the factory.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 17th January, 2016.	
Suggested Plan of Action:	Install signage adjacent to each stair door indicating the stair name and the floor level in both English and Bengali.	
Suggested Deadline Date:	24 Feb 2016	
Standard:	Alliance Standard Part 6 Section 6.9 Stairs	
Fire Safety Programs		
Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Priority Level:	Medium	

Non-Compliance Level:	2	
Description:	Training programs are not implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Source of Findings:	Document Review: Alliance Safety Training Curriculum has not conducted yet.	
Suggested Plan of Action:	Implement training programs and document in accordance with the Alliance Safety Training Curriculum.	
Suggested Deadline Date:	24 Feb 2016	
Standard:	Alliance Standards Part 13	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	Fire Department pre-planning has not been completed.	
Source of Findings:	Visual Assessment: They do not establish any fire department pre-planning yet.	
Suggested Plan of Action:	Complete Fire Department pre-planning activities with the local Fire Service and Civil Defence in accordance with Alliance Standard Section 13.1.1(2).	
Suggested Deadline Date:	24 Feb 2016	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	