INITIAL FIRE ASSESSMENT REPORT (FAR)

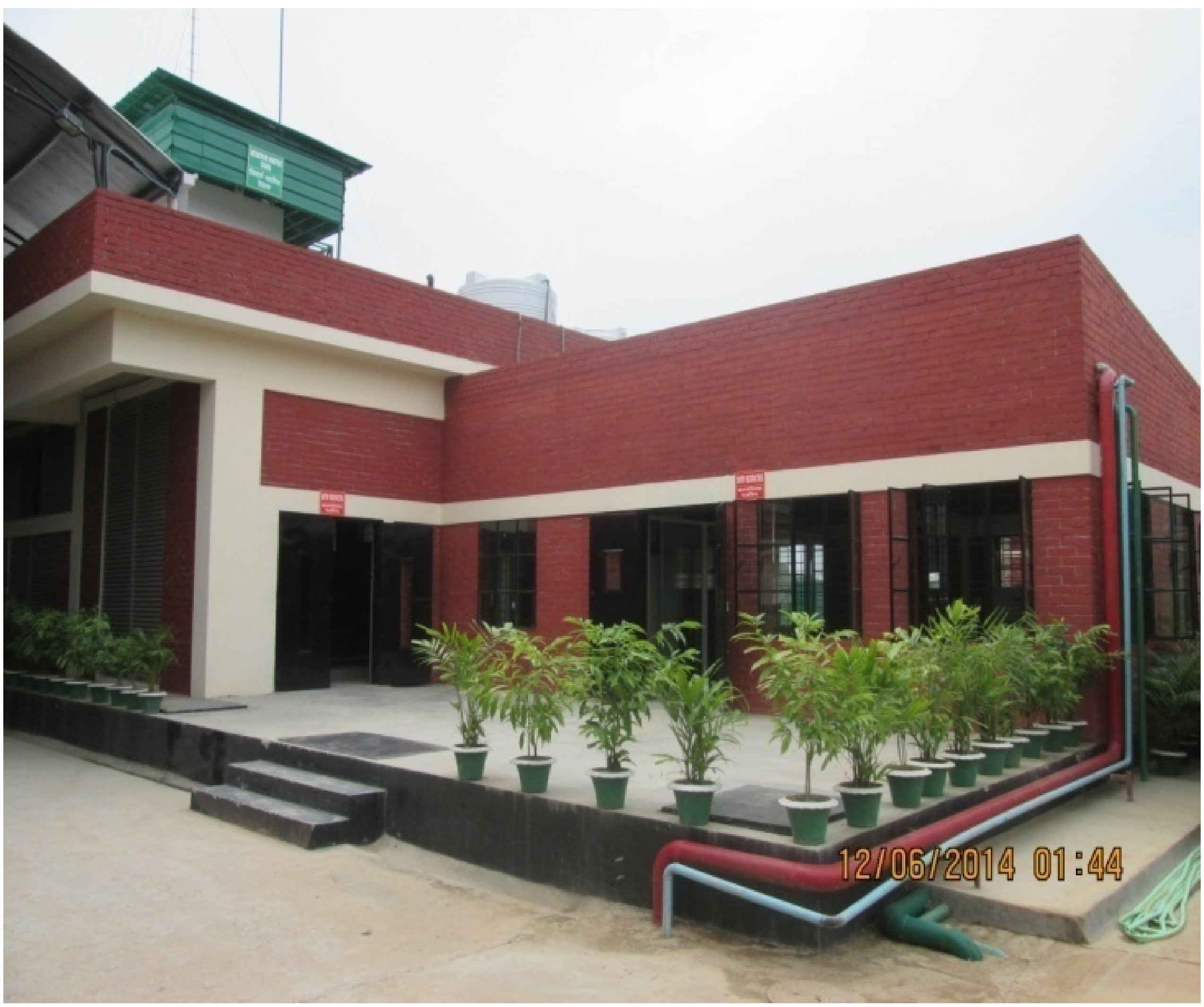
Factory Name:	**GREEN TEXTILE LIMITED (BANGLADESH)**
Address:	**Nijuri Bazar, Baraid 2, Madurai, Bhaluka Mymensingh Mymensingh Dhaka Bangladesh**
Assessor:	**Sumerra**
Date:	**12 Jun 2014**

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:	GREEN TEXTILE LIMITED (BANGLADESH)
Address:	Nijuri Bazar, Baraid 2, Madurai, Bhaluka Mymensingh Mymensingh Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Mymensingh
Zip Code:	
Audit Duration:	1 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	July 10, 2014
Final Report Date:	October 1, 2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	1 Main Building and 6 ancillary buildings
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	1 (plus mezzanine)
Approximate Building Area (SF):	110000 sft.
Date of Building Construction:	2013
Date of Last Building Renovation/Addition:	No additions
Ancillary Structures in Complex:	6 Total: 1. Utility (Generator +Boiler+Compressor+Substation) building 2. Day care centre 3. Workers dining + prayer centre 4. Medical centre 5. Security post 6. Recruitment office building
Approximate Ancillary Structures Area (SF):	Total ancillary building area 16,382 sft 1) Utility (Generator +Boiler+Compressor+Substation) building = 6410 sft 2) Day care centre = 1200 sft 3) Workers dining + prayer centre = 5972 sft 4) Medical centre = 1900 sft 5) Security post = 86 sft 6) Recruitment office building = 814 sft

Number of Occupants:	722
Number of Ancillary Levels (Stories):	All 1 story
Occupancy Type:	Main Building: G2 Utility (Generator +Boiler+Compressor+Substation) building : K Day care centre : B2 Workers dining + prayer centre : E3 Medical centre : F1 Security post : F1 Recruitment office building : F1
Construction Type:	All Buildings: Type II
Height of Highest Occupied Floor Level Above Grade:	Ground level (building height is 38 ft)

ASSESSMENT FINDINGS

Fire Protection Construction

Question:	Certificates of Occupancy for each building have been issued and are on file.
Priority Level:	Low
Non-Compliance Level:	
Description:	As per approved architectural plan this factory is a 1 storied Prefabricated Steel structural building which was approved by Astt. Engineer & Executive Engineer, PWD, Mymensingh dated 7th January 2014. They have also approved plan for Factory by deputy Chief Inspector Nripendraw Nath Das dated 24th December 2013
Source of Findings:	
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Are certificates of occupancy provided for each building or ancillary structure?

Fire Protection Systems

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:	3
Description:	The fire alarm and detection system is not monitored by a central station monitoring service or directly connected to the Fire Service and Civil Defense (not currently available in Bangladesh).
Source of Findings:	Visual Assessment: No connection to central monitoring system or fire department.
Suggested Plan of Action:	
Suggested Deadline Date:	31 Jan 2015
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:	2
Description:	The sprinkler system does not have fire department connections.
Source of Findings:	Photograph: Fire department outlet connections.
Suggested Plan of Action:	Install fire department connections where required and in compliance with the Standard.
Suggested Deadline Date:	31 Dec 2014
Standard:	Alliance Standard Part 5 Section 5.5.4 Fire Department Connections

Question:	Are inspection, maintenance, and testing procedures of the sprinkler system documented and up to date?
Priority Level:	Low
Non-Compliance Level:	3
Description:	The system is installed recently and no inspection, maintenance or testing procedures have been established.
Source of Findings:	Visual Assessment: No inspection, maintenance, and testing procedures of the sprinkler system.
Suggested Plan of Action:	Establish maintenance program that includes the requirements established in NFPA 25.
Suggested Deadline Date:	31 Dec 2014
Standard:	Reference NFPA 25 Chapter 5 Sprinkler Systems Table 5.1.1.2

Question:	Are identification signs for the sprinkler system installed at the required locations?
Priority Level:	Low
Non-Compliance Level:	3
Description:	No signs were present.
Source of Findings:	Visual Assessment: Identification signs for the sprinkler system were not provided.
Suggested Plan of Action:	Install identification signage at the required locations. The five basic types of identification signs are as follows: Type A- Control Valve Sign Type B- Multi-Purpose Text Signs (See Below) Type D- Fire Alarm Sign Type E- Hydraulic Calculation Sign Reference NFPA 13 for signage requirements.

Suggested Deadline Date:	30 Oct 2014	
Standard:	Reference NFPA 13	
Means of Egress		
Question:	Exit discharge is directly to the exterior of the building, unless the requirements of 6.17.2 are met, at grade or provides direct access to grade. Exit discharge shall not reenter a building.	
Priority Level:	High	
Non-Compliance Level:	1	
Description:	Egress courts were observed without fire rated protection. Non-fire rated window assemblies are found the entire length of the court.	
Source of Findings:	Photograph: Egress court has no fire rated protection.	
Suggested Plan of Action:		
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standard Part 6 Section 6.17 Exit Discharge. See Section 16.7.2 and 16.7.3 for exceptions.	
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:	1	
Description:	Occupant loads are not posted.	
Source of Findings:	Visual Assessment: Occupant loads are not posted for every assembly.	
Suggested Plan of Action:		
Suggested Deadline Date:	16 Nov 2014	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
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:	1	

Description:	Some signs were not working properly or were damaged (e.g. illumination not working). It appears low quality signs have been used in many cases.
Source of Findings:	Visual Assessment: Some signs were not working properly.
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the emergency power for exit signs is tested at least once per year. If battery operated signs are used, these lights are tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 min once per year.
Suggested Deadline Date:	30 Nov 2014
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.

Fire Safety Programs

Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Training is provided regularly and it is documented, however, not all workers had received fire awareness training. The factory is planning to train all workers.
Source of Findings:	Worker Interviews: Not all workers had received fire awareness training.
Suggested Plan of Action:	
Suggested Deadline Date:	05 Jan 2015
Standard:	Alliance Standards Part 13
Question:	A Fire Safety Director position has been filled.
Priority Level:	Low
Non-Compliance Level:	3
Description:	No Fire Safety Director position has been established.
Source of Findings:	Document Review: No Fire Safety Director position is included in the organizational chart.
Suggested Plan of Action:	Create a Fire Safety Director position and fill the position with an individual that has had sufficient training to be able to carry the required duties.
Suggested Deadline Date:	05 Jan 2015

Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	A written housekeeping policy is established and enforced.	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	No housekeeping policy has been developed.	
Source of Findings:	Document Review: A written housekeeping policy is not found.	
Suggested Plan of Action:	Establish written corporate and plant policies on housekeeping to ensure scheduled cleaning for floor, wall, ceiling, supply and return air ventilation systems. Promptly reschedule skipped cleanings. Provide a documented line of authority for authorizing a cleaning delay and rescheduling. As a general rule the maximum tolerable deposit thickness for loose fluffy lint is 13 mm (½ in.) over a maximum of 46.5 m2 (500 ft2). Limit dense deposits to 6 mm (¼ in.) and oil saturated deposits to 3.2 mm (⅛ in.).	
Suggested Deadline Date:	07 May 2015	
Standard:	Alliance Standards Part 13 Section 13.6 Housekeeping	
Question:	A hot-work permit program has been established.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	The factory premises has no facility for hot-work and no hot-work permit.	
Source of Findings:	Document Review: No hot-work permit available.	
Suggested Plan of Action:	Develop a hot work permit program. The program must comply with the requirements of NFPA 51B	
Suggested Deadline Date:	05 Jan 2015	
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Fire Department pre-planning has not been completed.	
Source of Findings:	Document Review: Fire Department pre-planning not documented.	
Suggested Plan of Action:	Complete fire department pre-planning activities with the local Fire Service and Civil Defense.	

Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	