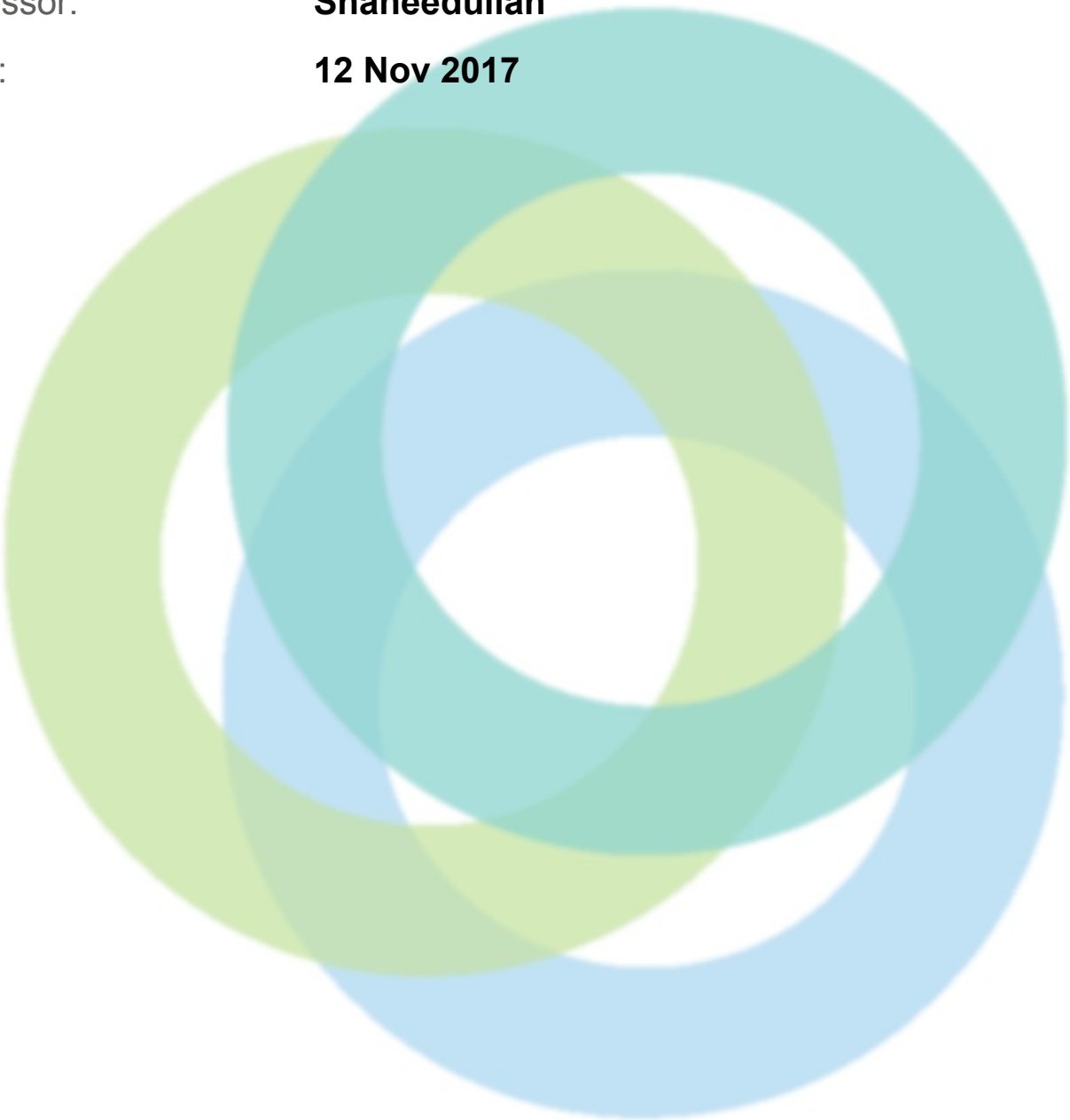


INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name: **Intimate Apparels Ltd. (Building 3)**
Address: **Plot 15, Sector 03 Karnaphuli EPZ, North Patenga,
Chittagong Bangladesh**
Assessor: **Shaheedullah**
Date: **12 Nov 2017**



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:	Intimate Apparels Ltd. (Building 3)
Address:	Plot 15, Sector 03 Karnaphuli EPZ, North Patenga, Chittagong Bangladesh
Country:	Bangladesh
Province:	Chittagong
City:	
Zip Code:	4204
Audit Duration:	1 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	13th November, 2017
Final Report Date:	07th January, 2017
Are all Action Items From Previous Assessment Completed?:	Yes
Buildings in Complex:	There are 5 buildings in the complex. Out of 5 buildings 1 is production building and 4 are ancillary buildings. Name of the production building is: 3-storied Prefabricated Factory Building (Building # 3).
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	Overall building heights with level above grade: 1) 3-storied prefabricated factory building: 44 ft. 3 inch; 3 storied above grade (G+2). 2) 1-storied RC Security, Medical and Childcare building: 9 ft. 8 inch; 1-story above grade. 3) 1-storied RC Sub-station and Generator Building: 14 ft. 3 inch; 1-story above grade. 4) Overhead water tank over septic tank: Water tank above grade and septic tank under the ground. 5) Pump House: 8 ft; 1-story above grade.
Approximate Building Area (SF):	Area is about (3x11, 640 = 34,920 sft).
Date of Building Construction:	2010
Date of Last Building Renovation/Addition:	No renovation or addition has been noticed.
Ancillary Structures in Complex:	There are 4 ancillary buildings. Name of the ancillary buildings are: 1) 1-storied RC Security, Medical and Childcare Building. 2) 1-storied RC Sub-station and Generator Building. 3) Overhead water tank over septic tank. 4) Pump House.

Factory Name: **Intimate Apparels Ltd. (Building 3)**
 Address: **Plot 15, Sector 03 Karnaphuli EPZ, North Patenga, Chittagong Bangladesh**

Assessor: **Shaheedullah**
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Approximate Ancillary Structures Area (SF):	1) 1-storied RC Security, Medical and Childcare Building: about 400 sft. 2) 1-storied RC Sub-station and Generator Building: about 300 sft. 3) Overhead water tank over septic tank: about 200 sft. 4) Pump House: about 250 sft.
Number of Occupants:	Total Manpower: 650 1) 3-storied prefabricated factory building : a) Ground Floor: 45 persons. b) 1st Floor: 300 persons. c) 2nd Floor: 300 persons. Ancillary structures: 1) 1-storied RC Security, Medical and Childcare building: 5 persons 2) 1-storied RC Sub-station and Generator Building: Nil 3) Overhead water tank over septic tank: Nil 4) Pump House: Nil
Number of Ancillary Levels (Stories):	1) 1-storied RC Security, Medical and Childcare building: 9 ft. 8 inch; 1-story above grade. 2) 1-storied RC Sub-station and Generator Building: 14 ft. 3 inch; 1-story above grade. 3) Overhead water tank over septic tank: Water tank, 25 ft. above grade and septic tank under the ground. 4) Pump House: 8 ft; 1-story above grade.
Occupancy Type:	1) 3-storied prefabricated factory building: G2 2) 1-storied RC Security, Medical and Childcare building: K & B2 3) 1-storied RC Sub-station and Generator Building: K 4) Overhead water tank over septic tank: K 5) Pump House: K
Construction Type:	3-storied prefabricated factory building and all the ancillary structures is Type-2.
Height of Highest Occupied Floor Level Above Grade:	1) 3-storied prefabricated factory building: 26 ft. 7 inch; 3-storied above grade. 2) 1-storied RC Security, Medical and Childcare building: 10 in; 1-story above grade. 3) 1-storied RC Sub-station and Generator Building: 6 in; 1-story above grade 4) Overhead water tank over septic tank: Water tank above grade and septic tank under the ground. 5) Pump House: 6 in; 1-story above grade.



ASSESSMENT FINDINGS

Fire Protection Construction

Question:	Are separations between hazards provided with fire-resistive rated construction barriers.
Priority Level:	Medium
Non-Compliance Level:	3
Description:	In process carton storage has been noticed in the packing area, at the 2nd floor on the west side of the 3-storied prefabricated factory building.
Source of Findings:	Photograph: In process carton storage in the packing area, at the 2nd floor, Visual Assessment: Facility Survey
Suggested Plan of Action:	In process carton storage in the noted locations shall be maintained within 250 sft areas providing 10 ft distance between subsequent blocks following Alliance Standards.
Suggested Deadline Date:	28 Jan 2018
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation
Question:	Certificates of Occupancy for each building have been issued and are on file.
Priority Level:	Low
Non-Compliance Level:	1
Description:	Certificate of occupancy for the 3-storied prefabricated factory building has not been provided.
Source of Findings:	Visual Assessment: Review of available documents
Suggested Plan of Action:	Certificate of occupancy shall be obtained from appropriate authority.
Suggested Deadline Date:	25 Feb 2018
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:	3
Description:	The height of the highest occupied floor level of the 3-storied prefabricated factory building is 26 ft 7 inch above grade, less than 33 ft above grade. As per Alliance Standards, standpipe system is not required for this building. But, considering safety issues, the factory management has already installed the standpipe system. The design drawings submitted for review don't comply with Alliance Standards. Drawings are not credible. Indicative direction has not been found. Proper dimension, riser diagram and sectional view are not found in design drawing.
Source of Findings:	Document Review: Review of available documents, Photograph: Existing standpipe system in the 3-storied prefabricated factory building.
Suggested Plan of Action:	As built drawings of standpipe system shall be updated following Alliance Standards. The design drawings shall be submitted to the Alliance for review.
Suggested Deadline Date:	28 Jan 2018
Standard:	Does the building have a standpipe system installed where required. Alliance Standard Part 5 Section 5.4.2
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:	3
Description:	Notification and initiation devices for the fire alarm system have been found installed at the required locations in the building in our present assessment. But the design drawings have not yet been submitted to the Alliance for review.
Source of Findings:	Photograph: i) Sounder ii) Pull stations iii) Detectors, Visual Assessment: Facility Survey
Suggested Plan of Action:	All documents, including a listing document of the CFDS shall be submitted to the Alliance for review.
Suggested Deadline Date:	11 Feb 2018
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:	Are fire department connections provided and clearly identified for the Fire Protection Systems?
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Fire departments inlet connections (Siamese connections) are not found installed in the factory complex. Only pillar hydrants have been found installed.
Source of Findings:	Photograph: Pillar Hydrant
Suggested Plan of Action:	Fire department inlet connections (Siamese connections) shall be installed and clearly identified for the fire protection system in accordance with the Alliance Standards.
Suggested Deadline Date:	18 Feb 2018
Standard:	Alliance Standard Part 5 Section 5.5.4 Fire Department Connections
Question:	Is signage for the standpipe system installed at required locations and on required components?
Priority Level:	Low
Non-Compliance Level:	2
Description:	No appropriate signs for the components of the Standpipe System have been noticed.
Source of Findings:	Visual Assessment: Facility Survey
Suggested Plan of Action:	The appropriate identification signs for the Standpipe System at all required locations and on the required components shall be provided in accordance with the NFPA 14 Chapter 6.
Suggested Deadline Date:	28 Jan 2018
Standard:	Reference NFPA 14 Chapter 6



Means of Egress

Question:	Are there additional areas of non-compliance related to the Means of Egress?
Priority Level:	Medium
Non-Compliance Level:	3
Description:	An egress court has been found on the south side of the factory building. The egress court width is 9 ft. 1 in. The window openings on the peripheral masonry wall (south side) have been found within 10 ft. height above grade. Workers lockers have been found by the side of this egress width.
Source of Findings:	Photograph: Unprotected egress court on the south side of the factory





	building, Visual Assessment: Facility Survey
Suggested Plan of Action:	Window openings within 10 ft height above grade in the egress court shall be closed or declared this egress court as a “not an exit” and provide safe access to go to the assembly points to the workers. Workers lockers in the egress court shall be relocated from noted location. Consult a qualified fire protection Engineer to solve this issue.
Suggested Deadline Date:	18 Feb 2018
Standard:	Not Applicable
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:	2
Description:	No illuminated exit signs and directional exit signs have been found installed in the carton packing area in the 2nd floor of the 3-storied prefabricated factory building.
Source of Findings:	Photograph: No illuminated exit signs in the carton packing area in the 2nd floor, Visual Assessment: Facility Survey
Suggested Plan of Action:	Exit signs and directional exit signs shall be placed at the noted locations and other similar locations following Alliance Standards.
Suggested Deadline Date:	11 Feb 2018
Standard:	Alliance Standard Part 6 Section 6.11 Exit Signs



Fire Safety Programs

Question:	Are the required number of people trained and certified in fire fighting, first aid, and rescue training by the appropriate authority.
Priority Level:	High
Non-Compliance Level:	2
Description:	As per submitted documents, 46 persons out of 650 persons, approximately 7 % of the total workers have been found trained in fire fighting, first aid, and rescue training by the BKMEA.
Source of Findings:	Document Review: Review of available documents
Suggested Plan of Action:	Provide training and certification for the required number of people (18% of total workers) in fire fighting, first aid, and rescue training by an appropriate authority in accordance with the Alliance Safety Training Curriculum.
Suggested Deadline	25 Feb 2018



Date:		
Standard:	Alliance Standard Part 13 Human Element Programs	
Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Documents confirm that training program is implemented and documented in accordance with Alliance safety training curriculum only 1 batch but not yet completed for the all workers.	
Source of Findings:	Document Review: Review of available documents	
Suggested Plan of Action:	Implementation and documentation of the training programs in accordance with the Alliance safety training curriculum shall be completed.	
Suggested Deadline Date:	25 Feb 2018	
Standard:	Alliance Standards Part 13	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	A layout plan for the fire protection system indicating pipe layout diagram, source of water (reservoir tank), fire department connections for the complex have been found prepared. But this document has not yet been submitted to the National Fire Service & Civil Defense (FS&CD).	
Source of Findings:	Document Review: Review of available documents, Photograph: Layout of Fire department pre planning	
Suggested Plan of Action:	Fire department preplanning activities shall be Completed with the National Fire Service and Civil Defense (FS&CD).	
Suggested Deadline Date:	25 Feb 2018	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	

