

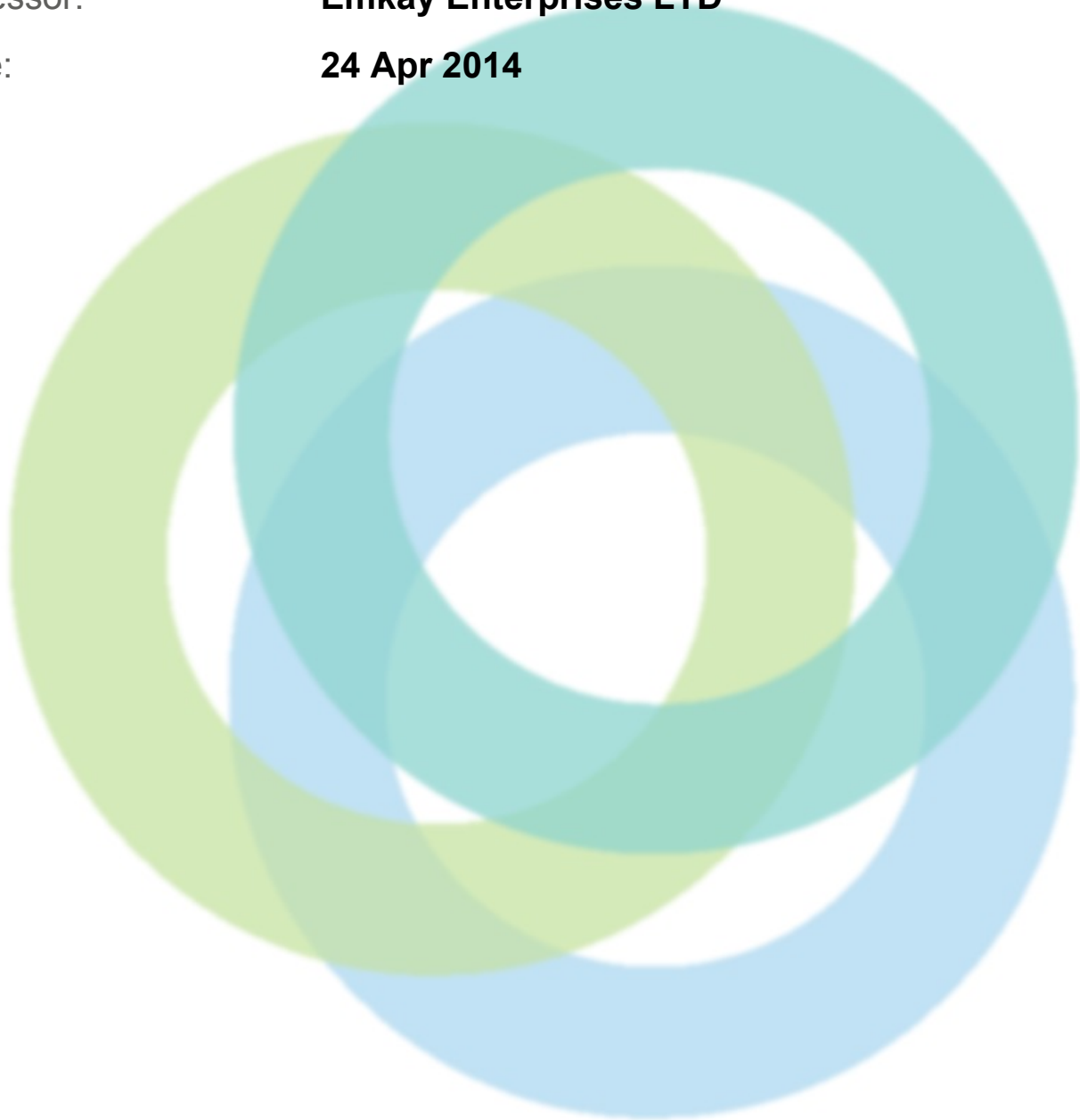
INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name: **SHADE FASHIONS INT'L LTD**

Address: **Riom Complex, 157, Berun (Jamgara) Savar Savar
Dhaka Bangladesh**

Assessor: **Emkay Enterprises LTD**

Date: **24 Apr 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:	SHADE FASHIONS INT'L LTD
Address:	Riom Complex, 157, Berun (Jamgara) Savar Savar Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Savar
Zip Code:	
Audit Duration:	
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	06 May 2014
Final Report Date:	To be filled out by the "Alliance QA" representative
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	There are 9 Buildings. 1. Main building: 1; 2. Ancillary buildings: 8.
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	Main building: 6 stories.
Approximate Building Area (SF):	1. Main Building: 126,080 SF (approximately 21,013 SF per floor)
Date of Building Construction:	2000-2001
Date of Last Building Renovation/Addition:	2013
Ancillary Structures in Complex:	8
Approximate Ancillary Structures Area (SF):	1,370 SF
Number of Occupants:	Total Occupant Load: 1,939 (GF: 209; 1st: 360; 2nd: 450; 3rd: 470; 4th: 450; 5th: Vacant; Roof: Dinning). The

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ALLIANCE
FOR BANGLADESH WORKER SAFETY

building is occupied by three factories (P & O Attires Ltd., Shade Fashions International Ltd. and Shade Fashions Ltd.). The owner for all three factories is the same and the building is under a single fire safety management system.

Number of Ancillary Levels (Stories):

1. Ancillary building-1: Single story (Security Use); 2. Ancillary building-2: Single story (Security Use); 3. Ancillary building-3: Single story (Generator Use); 4. Ancillary building-4: Single story (Boiler Use); 5. Ancillary building-5: Single story (Boiler Use); 6. Ancillary building-6: Single story (Fire Pump Use); 7. Ancillary building-7: Single story (Guard Post); 8. Ancillary building-8: Single story (Maintenance workshop).



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:	Exits were not fully protected by continuous fire rated assemblies. Glass window in the separation wall of exit enclosure and worker dining at 6th floor, unprotected openings on the separation wall between accessories store and finishing section at ground floor was noticed.
Source of Findings:	Photograph: Photograph: 1. Unprotected opening in exit, 2. Glass window in exit enclosure, 3. Unprotected opening on separation wall between accessories store and finishing section.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Includes doors, windows, ducts, piping, etc. Reference Alliance Standards Part 4 Section 4.6 Opening Protectives and Section 4.7 Penetrations
Question:	Are exit enclosures provided with fire-resistive rated construction barriers?
Priority Level:	High
Non-Compliance Level:	3
Description:	Exits were not fully protected by continuous fire rated assemblies. The building is 6 stories, walls of stairwell-1 were 5 in. masonry brick wall with glass partition and inward opening swinging glass doors were installed in most of the exits leading to the stairwell. Walls of stairwell-2 were 5 in. masonry brick wall and outward opening fire doors were installed in most of the exits leading to the stairwell. Some fire doors were single leaf and some were double leaves. But in the supplied UL 10C (2009) license of fire door only mentioned single leaf.
Source of Findings:	Photograph: Photograph: 01. Unprotected exit enclosure of stair-1, 02. Fire door of stair-2.
Suggested Plan of Action:	
Suggested Deadline Date:	





Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Are separations between hazards provided with fire-resistive rated construction barriers.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Unprotected boiler rooms were noticed in the egress route of stair-2 at ground floor. Unprotected generator room was noticed at ground floor close to main factory building. Storage areas were not separated by rated construction at Ground floor. Glass partitions were noticed between office space and production area in most of the floors.	
Source of Findings:	Photograph: 01. Boiler room open with egress route, 02. Unprotected generator room, 03. Unprotected wastage (jhute) store, 04. Unprotected finished goods store, 05. Unprotected separation wall between office space and production area.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Is the fire resistance materials of structural members in good condition and free of damage?	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Main factory building was RCC frame building (GF to 5th floor) and Non-rated Prefabricated steel shed on RCC columns (Roof Structure). From visual inspection all those structural members were found free of damage during assessment. But the prefabricated shed on roof deck was non-rated. The total height of the building above grade was 26.20 m (86 ft) (6 storied) and the highest occupiable floor level above grade was 20.87 m (68.45 ft). As per Alliance Standard Section 3.2.1, buildings with occupiable floor heights above grade level more than 20 m (65 ft) are classified as high-rise buildings. Section	
Question:	Is the fire resistance materials of structural members in good condition and free of damage?	



	3.6.2.4 does not allow non-rated construction for high-rise buildings.	
Source of Findings:	Photograph: Non-rated steel shed at roof.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	BNBC Part 3 Chapter 3	
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 buildings were not available during this inspection.	
Source of Findings:	Document Review: No occupancy certificate was found during this inspection.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Are certificates of occupancy provided for each building or ancillary structure?	
Question:	Occupancy Type	
Priority Level:		
Non-Compliance Level:		
Description:	1. Main building - Ground Floor to 5th Floor: G2 (RMG factory), Roof: E3 (Dinning); 2. Ancillary structure-1 & -2: A3 (Dormitory); 3. Ancillary structure-3, -4, -5, -6, -7 & -8: K (Miscellaneous).	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Provide Occupancy Type for each building and structure. Reference Alliance Standards Part 3 Use and Occupancy	
Question:	Construction Type	
Priority Level:		
Non-Compliance Level:		



Description:	1. Main Building - GF to 5th Floor: Type-1 (RCC frame); Roof Structure: Non-rated (Prefabricated steel shed on RCC columns); 2. Ancillary building-1: Non-rated; 3. Ancillary building-2: Non-rated; 4. Ancillary building-3: Non-rated; 5. Ancillary building-4: Type-1; 6. Ancillary building-5: Type-1; 7. Ancillary building-6: Non-rated; 8. Ancillary building-7: Type-1; 9. Ancillary building-8: Type-1.
Source of Findings:	
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Provide construction type for each building and ancillary structure. Reference Alliance Standards Table 3.3.1
Question:	Height of Highest Occupied Floor Level Above Grade
Priority Level:	
Non-Compliance Level:	
Description:	1. Main Building - Building Height: 26.20 m (86 ft), Highest Occupied Floor Height: 20.87 m (68.45 ft.); 2. Ancillary Buildings -1 through -8: at grade.
Source of Findings:	
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Provide maximum height of highest occupied floor level above grade for each type of building and ancillary structure.
Fire Protection Systems	



Question:	Does the building have a Standpipe System?
Priority Level:	High
Non-Compliance Level:	3
Description:	No Class-I (65 mm dia.) standpipe hose connection was found. Only Class-II (40 mm dia.) standpipe hose connections were found at stairwell-1 and stairwell-2 and non-class (25 mm dia.) hose connection (4 per floor) were found on the floors. Minimum pressure of 65 Psi was not tested during the audit as installation work was going on. Further evaluation is required by the owner.
Source of Findings:	Photograph: 1. Class-II standpipe system at stair-1; 2. Class-II standpipe system at stair-2; 3. Non-class (25 mm dia.) standpipe system inside the floor.
Suggested Plan of Action:	
Suggested Deadline Date:	
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:	Pull stations at egress points: Centralized addressable fire alarm systems with push bottom call points were found. Smoke detectors: Centralized addressable detection system was available but numbers of smoke detectors were insufficient on some floors. Also the control panel was provided at each floor not in a same location at fire monitoring room for effective monitoring. Visual and audible devices: Visual and audible alarms were noticed.
Source of Findings:	Photograph: Visual and audible devices
Suggested Plan of Action:	
Suggested Deadline Date:	
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:	3
Description:	Automatic detection system panels were available at each floor but not centrally in same location at fire monitoring room. Also numbers of smoke detectors were not sufficient on some floors.
Source of Findings:	Photograph: 1. Automatic smoke detection panel, 2. Fire alarm call point.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring
Question:	Are hangers, bracing, and restraints properly installed and supporting the system piping?
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Sprinkler system piping were only fitted with vertical J-hook hanger, no angular or sway bracing was noted during inspection.
Source of Findings:	Photograph: Sprinkler system piping fitted with vertical J-hook hanger.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Reference NFPA 13 Chapter 9 Hanging, Bracing, and Restraint of System Piping.
Question:	All valves controlling the automatic sprinkler systems are electrically supervised by a listed fire alarm system control unit.
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Fire alarm control unit was available but valves of automatic sprinkler systems were not connected with the control panel and not electrically supervised.
Source of Findings:	Visual Assessment: Valves of automatic sprinkler systems were not connected to the fire alarm control panel during this inspection.
Suggested Plan of	





Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standard Part 5 Section 5.3.5 Supervision and Alarms.	
Question:	Aisles in storage areas are free of storage based on design criteria used for the sprinkler system.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	No aisles markings were found and the spacing between two stacks of stored materials was measured to be less than 1.1 m during inspection.	
Source of Findings:	Visual Assessment: The spacing between two stacks was measured less than 1.1 m during inspection.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 5 Section 5.3.6.3	
Question:	Are fire department connections provided and clearly identified for the Fire Protection Systems?	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Fire department connection was found but identification marking was not available during inspection.	
Source of Findings:	Photograph: Fire department connection	
Suggested Plan of Action:		
Suggested Deadline Date:		
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:	Only the inspection checklist with the monthly dates on each extinguisher are being verified by the compliance safety officer. Not all of the requirements of NFPA 10 are being checked. While interviewing the person responsible for this, it was found that only the pressure gauges (where available) and expiration dates are being checked.	
Source of Findings:	Photograph: Inspection check list of extinguisher.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	NFPA 10 Chapter 7	
Question:	Are identification signs for the sprinkler system installed at the required locations?	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	No identification signs for the required components of sprinkler system were found during inspection.	
Source of Findings:	Visual Assessment: No identification signs for sprinkler system was found.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 13	
Question:	Are inspection, maintenance, and testing procedures of the sprinkler system documented and up to date?	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	No plan or record of inspection, maintenance and testing of the sprinkler system were found during inspection.	
Source of Findings:	Document Review: No inspection, maintenance, and testing documents have shown.	
Suggested Plan of		



Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 25 Chapter 5 Sprinkler Systems Table 5.1.1.2	
Question:	Does the automatic sprinkler system have an approved audible device activated by waterflow equal to the flow of one sprinkler?	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	No audible device was connected with the sprinkler system during inspection.	
Source of Findings:	Visual Assessment: No audible device was connected with the sprinkler system.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Part 5 Section 5.3.5.2 Alarms.	
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:	1	
Description:	Plan and record of inspection, maintenance, and testing of standpipe and hose system was not available during inspection as per NFPA 25 Chapter 6 Standpipe and Hose Systems Table 6.1.1.2.	
Source of Findings:	Document Review: No inspection, maintenance, and testing documents have shown.	
Suggested Plan of Action:		
Suggested Deadline Date:		
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 was available only for the standpipe hose system inside the floors and not for the standpipe hose system on stairs.
Source of Findings:	Photograph: 1. No signage in standpipe system at inside the floor, 2. Signage in standpipe system at stair.
Suggested Plan of Action:	
Suggested Deadline Date:	
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:	No inspection, maintenance and testing conducted for fire pump. Fire pump system was not monitored by fire alarm systems. Additionally, fire pump was not set automatic at time of assessment. No documented maintenance or testing procedures of the fire pump was available.
Source of Findings:	Document Review: No document was shown during inspection.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Reference NFPA 25 Chapter 8 Fire Pumps



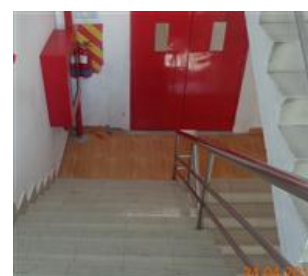
Means of Egress

Question:	Aisles are provided with the minimum unobstructed clear width of 0.9 m (36 in) based on occupant loads.
Priority Level:	High
Non-Compliance Level:	3
Description:	The minimum widths of some aisles were measured less than 0.9 m (36 in) on 1st through 4th floors during this assessment.
Source of Findings:	Photograph: The minimum width of aisles.









Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Higher occupancy loads will require a greater width to accommodate the increased load. Alliance Standard Part 6 Section 6.5 Egress Width
Question:	Exit access corridors serving an occupant load exceeding 30 are separated by walls having a fire-resistance rating of 1 hr.
Priority Level:	High
Non-Compliance Level:	3
Description:	Exit access corridors between finishing section and accessories storage serving occupant load exceeding 30 was not separated by 1-hour fire-resistance rating walls.
Source of Findings:	Photograph: Exit access corridors between finishing section and accessories store.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 6 Section 6.3 and Part 4 Section 4.5. Does not apply if an automatic sprinkler system is installed throughout the building.
Question:	Means of egress are free from impediments, obstructions, and stored materials.
Priority Level:	High
Non-Compliance Level:	3
Description:	Hose cabinets were found in the landing in stairwell-2 at 1st floor to 4th floor in such a way that it becomes an obstruction in the means of egress. Also








	storage boxes were noticed in the exit excess corridor at ground floor, cabinets were placed in egress route of stair-2 at ground floor.	
Source of Findings:	Photograph: 1. Hose cabinet in the means of egress; 2. storage boxes placed in the exit excess corridor; 3. Cabinet placed in egress route of stair-2.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.8 Impediments to means of egress and Section 6.3.9 Reliability	
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:	3	
Description:	Doors in the path of egress were unlocked in the direction of egress only in working hour. Hasps, locks, other locking devices were available in the doors.	
Source of Findings:	Photograph: Locking devices in doors	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	All doors in a means of egress are of the side-hinged swinging type.	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Collapsible gate and steel rolling shutter were installed in some of the exits.	
Source of Findings:	Photograph: Collapsible gate in means of egress.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	



Question:	Landings are provided with the same width in the direction of egress travel as the stair clear width provided at each level and at intermediate landings. Existing landings that are less than the stair width, shall reduce the overall available capacity of the stair.
Priority Level:	High
Non-Compliance Level:	3
Description:	The intermediate landing of stair-2 was measured to be 89 mm (3.5 in) which is less than the width of the stair and reduces the effective capacity of the stair. When calculating the total required width of stair considering the deviation, that was not satisfactory as per BNBC 2006 part 4 chapter 3 Table: 4.3.2.
Source of Findings:	Photograph: Landing of stair-2.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 6 Section 6.9 Stairs and Section 6.5
Question:	Doors along the path of egress have a minimum width of 0.8 m (32 in) and have required ratings.
Priority Level:	High
Non-Compliance Level:	2
Description:	The minimum widths of doors were measured more than 0.8 m (32 in) on all floors. Only one exit door at each floor was found to be a fire rate door. Other doors were non-rated (glass swing, steel rolling shutter and collapsible gate).
Source of Findings:	Photograph: Non rated door along the path of egress
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 6 Section 6.5.6 Minimum Widths. Increased occupant loads will require a door width greater than 0.8 m.
Question:	Occupant loads on each level (floor) do not exceed the capacity of the available means of egress.
Priority Level:	High
Non-Compliance Level:	1
Description:	Occupant loads exceed the capacity of the available means of egress (stair). Required total minimum width of stair was 3.76 m but available total minimum width of stairs was 3.53 m.





Source of Findings:	Visual Assessment: Measuring the width of the stair and calculating.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.4 Occupant Load	
Question:	Landings are provided on both sides of doors used along the path of egress. Doors do not swing out over stairs.	
Priority Level:	High	
Non-Compliance Level:	1	
Description:	It was noticed that doors open out over the stair landings on the 1st to 5th floors, but in such a way that may disrupt egress during an emergency condition by reducing the effective width of the stair.	
Source of Findings:	Photograph: Door open out over the stair landing, but interfere with stair access and flow.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	Handrails are provided on both sides of each stairway. Intermediate handrails are provided when the stair width exceeds 2.2 m (87 in.). Handrails are not mounted lower than 760 mm (30 in.) or higher than 1100 mm (44 in.).	 
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Handrails were provided on both sides in stair-1 with height 865 mm (34 in.) and only on open sides in stair-2 with height 813 mm (32"). Maximum width of stair-1 was found 2.28 m (89.75 in). But intermediate handrail was not found during inspection.	
Source of Findings:	Photograph: 1. Handrail on both sides at stair-1, 2. Handrail on one side at stair-2	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.9 Stairs and 6.12 Handrails and Guards	





Question:	Every door in a stair enclosure serving more than 5 stories is provided with re-entry unless it meets the requirements of Alliance Standards Part 6 Section 6.8.3.1.
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Re-entry provision were not provided for the exit doors (fire doors) where required.
Source of Findings:	Photograph: No provision for re-entry in fire door.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates
Question:	All occupied roofs are provided with parapets or guards with a minimum height of 1067 mm (42 in.).
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Parapets or guards were provided in the occupied roof but the height of parapet was measured 990 mm (39 in.).
Source of Findings:	Photograph: Height of parapet wall.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 6 Section 12 Handrails and Guards
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:	2
Description:	Occupant loads were not posted for any assembly and production floor in a conspicuous space near the main point of egress.
Source of Findings:	Visual Assessment: No signage was found during inspection.
Suggested Plan of Action:	








Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
Question:	Means of egress have a minimum ceiling height of 2.3 m (7 ft 6 in.) with projections from the ceiling not less than 2.03 m (6 ft 8 in.).	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Minimum ceiling height was found to be 1.93 m (6 ft 4 in) in the means of egress (exit at 2nd stair to outside of the building) at ground floor of main factory building.	
Source of Findings:	Photograph: Height of exit door.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.3 Headroom	
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:	No testing plan and records were available during inspection.	
Source of Findings:	Document Review: No document has shown during inspection.	
Suggested Plan of Action:		
Suggested Deadline Date:		
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:	No testing plan and records were available during inspection.	
Source of Findings:	Document Review: No document was shown during inspection.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	
Question:	Changes in elevation of walking surfaces do not exceed 6.35 mm (1/4 in) unless provided with a beveled slope of 1 in 2 that does not exceed 12.7 mm (1/2 in).	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Change in elevation was found in the egress route of stair-2 at ground floor without beveled slope and marking. Also thresholds were found in many of the exit without beveled slope and marking.	
Source of Findings:	Photograph: 1. Change in elevation in the egress route of stair-2; 2. Threshold without beveled slop and marking.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.4 Walking Surfaces	
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:	3	
Description:	No stair designation signs were posted at any of the stairs.	
Source of Findings:	Visual Assessment: Stair designation sign was not found during this inspection.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.9 Stairs	



Fire Safety Programs

Question:	Chemicals and other flammable materials are stored within approved enclosures.	 
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Portable gas (methane) cylinders were used for the fuel of generators in open condition beside generator room on the exhaust direction of generator exhaust. Sunlight directly falls on those cylinders.	
Source of Findings:	Photograph: 1. Unprotected portable gas (methane) cylinders near generator room; 2. Unprotected portable gas (methane) cylinders.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 3 Section 3.4.2.1.8 Flammable and Combustible Liquid	
Question:	An emergency evacuation plan has been developed and communicated to all employees.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	An emergency evacuation plan has not been developed and communicated to all employees.	
Source of Findings:	Document Review: No document was found during this inspection.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	Storage areas underneath the cutting tables are clear of combustibles.	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Combustibles were found underneath the cutting tables during the inspection.	
Source of Findings:	Photograph: Combustibles underneath the cutting table.	
Suggested Plan of		



Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 17 Section 13.7.2 Cutting tables.	
Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	The factory has not received the Alliance Safety Training Curriculum at the time of the assessment and has not conducted safety training curriculum per Alliance Standards Part 13.	
Source of Findings:	Document Review: No document was shown during inspection.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13	
Question:	A Fire Safety Director position has been filled.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	No fire safety director has been posted in this factory. Mr. Shamim Reza (Ex. Officer, compliance) was acting as fire safety director.	
Source of Findings:	Document Review: Post of fire safety director was not found.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
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: No document was found during this inspection.	



Suggested Plan of Action:		
Suggested Deadline Date:		
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:	1	
Description:	A written housekeeping policy was not established or enforced.	
Source of Findings:	Document Review: No written housekeeping policy was found.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.6 Housekeeping	
Question:	A hot-work permit program has been established.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	No hot-work permit program has been established. During visit no hot-work operation was ongoing in the facility.	
Source of Findings:	Document Review: No document was shown during inspection.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	