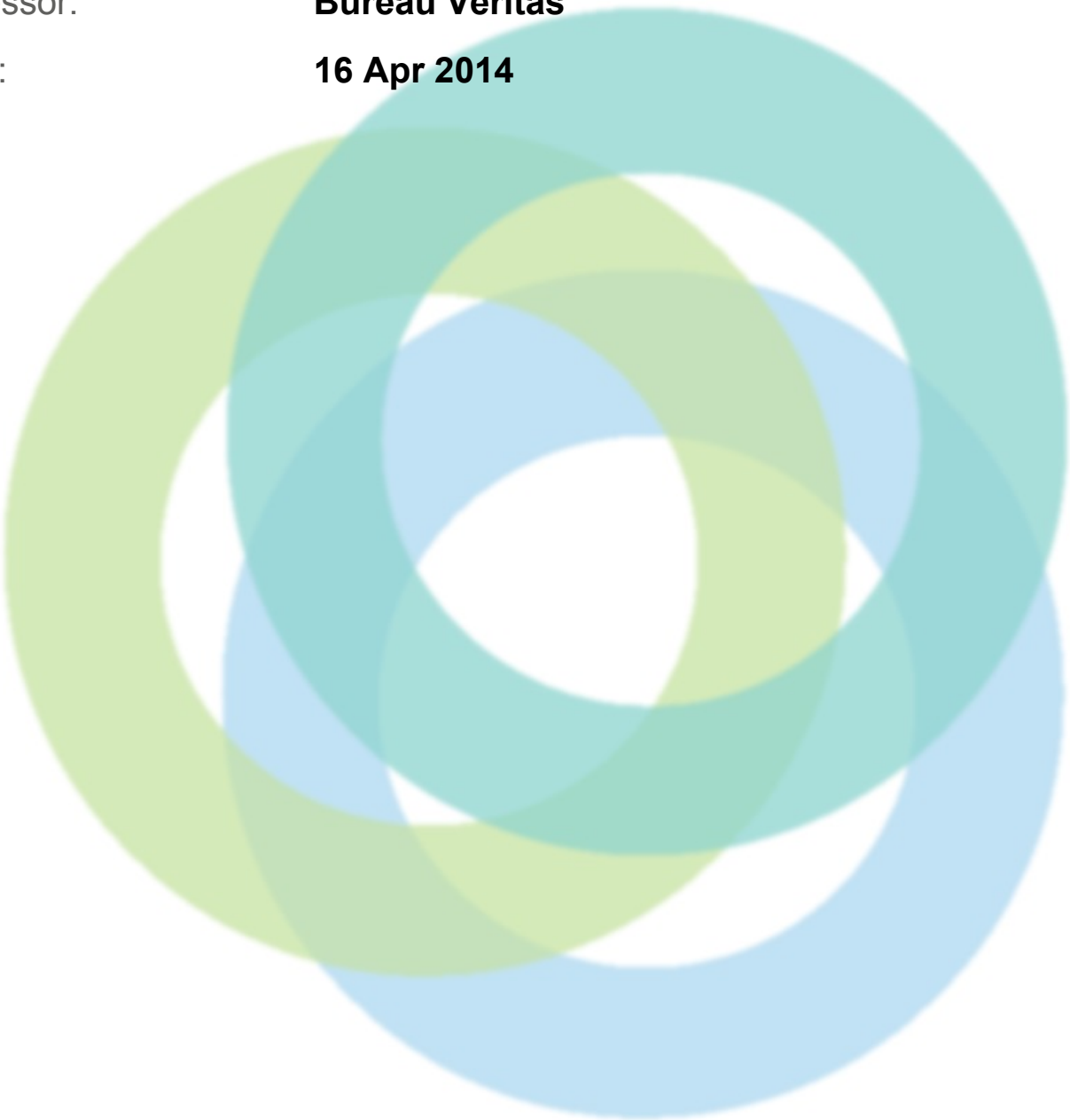


INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name: **Amantex Limited**
Address: **Boiragirchala Sreepur, Gazipur Sreepur, Gazipur
Dhaka Bangladesh**
Assessor: **Bureau Veritas**
Date: **16 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:	Amantex Limited
Address:	Boiragirchala Sreepur, Gazipur Sreepur, Gazipur Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Sreepur, Gazipur
Zip Code:	1740
Audit Duration:	1 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	04-20-2014
Final Report Date:	05-30-2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	There are three buildings in the premise- 1. Main Building (Six storied RCC building + extend steel structure), 2. Under construction 5 storied RCC Building, 3. Security Building.
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	1. Main Building: Building Height (Highest occupiable floor level) 19.51m or 64ft [Height up to Roof: 22.56m or 74ft] Stories above grade: 7, Stories below grade: 0, Occupied levels: 7, 2. Under construction 5 storied RCC Building: Building Height (Highest occupiable floor level) 3.65m or 12ft [Height up to Roof: 17.38m or 57ft] Stories above grade: 5, Stories below grade: 0, Occupied levels: 2, (Rest of the Three floor is under construction) 3. Security Building: Building Height (Highest occupiable floor level) at grade [Height up to Roof: 3.05m or 10ft] Stories above grade: 1, Stories below grade: 0, Occupied levels: 1.
Approximate Building Area (SF):	Total Building Area: 380,079.92 Sft. 1. Main Building : 308,865.44 Sft (Ground floor: 73,211 Sft; 1st floor: 51,669.2 Sft; 2nd floor: 37,100.48 Sft; 3rd floor: 39,220.2 Sft; 4th floor: 39,220.2 Sft; 5th floor: 39,220.2 Sft; 6th floor: 29,224.16 Sft) 2. Under construction building: 70,994.48 Sft (Ground floor:38,994.24 Sft; 1st floor: 32,000.24 Sft; 2nd floor and above floors construction is going on) 3. Guard room: 220 Sft.
Date of Building Construction:	Factory personnel informed the date of construction as follows: 1. Six story RCC main building with prefab shed on roof: Finished in 2007.
Date of Last Building Renovation/Addition:	No record of date of last building renovation/addition was found from factory personnel.



Ancillary Structures in Complex:	1. Security Building: as security purpose
Approximate Ancillary Structures Area (SF):	1. Security Building: 220 Sft.
Number of Occupants:	Total occupant: 5034, 1) Main building: 4530 (Ground floor: 507, 1st floor: 130, 2nd floor: 370, 3rd floor: 1094, 4th floor: 1056, 5th floor: 973, 6th floor: 400), 2) Under constructions 5 storied RCC Building: 503 (Ground floor: 37, 1st floor: 466), 3. Security Building: 1.
Number of Ancillary Levels (Stories):	1. Security Building: Building Height (Highest occupiable floor level) at grade [Height up to Roof: 3.05m or 10ft] Stories above grade: 1, Stories below grade: 0, Occupied levels: 1.
Occupancy Type:	1. Main Building : Ground floor: J2(Chemical Store), G2(Finishing & Dyeing), F1(office), 1st floor: H2(fabric ware house & Accessories store), 2nd floor: G2(Cutting), H2(fabric ware house & Accessories store), 3rd floor: G2(Sewing & Finishing), 4th floor: G2(Sewing & Finishing), 5th floor: G2(Sewing & Finishing), 6th floor: E3(Dining) & H1(Finished Goods), 2. Under construction 5 storied RCC Building: Ground floor: G2(Embroidery Section), General Store(H1), H2(fabric ware house & Yarn store), 1st floor: G2(Sample , Printing section), 3. Security Building: F1(office).
Construction Type:	1. Main Building: Ground floor to 5th floor- Type 1 & 6th floor-Non rated. 2. Under construction 5 storied RCC Building: Type – 1, 3. Security Building: Type-1.
Height of Highest Occupied Floor Level Above Grade:	1. Main Building: Building Height (Highest occupiable floor level) 19.51m or 64ft [Height up to Roof: 22.56m or 74ft] 2. Under construction 5 storied RCC Building: Building Height (Highest occupiable floor level) 3.65m or 12ft [Height up to Roof: 17.38m or 57ft] 3. Security Building: Building Height (Highest occupiable floor level) at grade [Height up to Roof: 3.05m or 10ft]



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:	1	
Description:	No occupancy certificates are available for any buildings.	
Source of Findings:	Document Review: Document review shows that the factory has no occupancy certificate for any of its structures.	
Suggested Plan of Action:	Apply to PWD for issuance of occupancy certificate and pursue the matter to expedite.	
Suggested Deadline Date:	27 Jun 2014	
Standard:	Are certificates of occupancy provided for each building or ancillary structure?	
Question:	Is the fire resistance materials of structural members in good condition and free of damage?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	There was no damage found in the fire resistance material of the structural members in the building.	
Source of Findings:	Visual Assessment: According to our visual assessment we didn't find any structural damage in the buildings.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	BNBC Part 3 Chapter 3	
Question:	Are openings and penetrations through rated walls and/or assemblies protected?	
Priority Level:	High	
Non-Compliance Level:		
Description:	There was no openings and penetrations through rated walls and/or assemblies protected.	



Source of Findings:	Visual Assessment: According to the visual assessment, it is found that no openings and penetrations through rated walls and/or assemblies protected.
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:	Is each floor separated with a fire-resistive rated construction barrier?
Priority Level:	High
Non-Compliance Level:	
Description:	From auditors assessment it is found that for 7 storied RCC building, each floor is separated by 6" RCC slab and also for 5 storied RCC building, each floor separated by 6" RCC slab.
Source of Findings:	Visual Assessment: Visual assessment shows that both of the building's every floor is separated by 6" RCC Slab Casting.
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:	On ground floor there is chemical storage without proper fire separation. Chemical storage needs to be fire separated according to BNBC Table-3.2.2 pg-10355. On 2nd floor there is no proper fire separation between production floor and fabric storage. Two hour fire separation required between production floor and fabric storage according to BNBC Table 3.2.1 pg-10352.
Source of Findings:	Visual Assessment: Chemical storage was found without proper fire separation.
Suggested Plan of Action:	Provide fire-resistive rated construction barriers between hazard types following Table 4.4.1 of Alliance Standard or Table 4.1.1 from BNBC Part 4. Consult a qualified fire protection engineer to design the required rated construction barrier.
Suggested Deadline Date:	31 Oct 2014





Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Are exit enclosures provided with fire-resistive rated construction barriers?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	There are 4 sets of stairs in the main building. Two of them are interior stairs and two are external stairs. There are swinging glass doors at the interior exits.	
Source of Findings:	Visual Assessment: Interior exit enclosures are not fire protected.	
Suggested Plan of Action:	Provide 2 hr fire-resistive rated construction barriers at exit enclosures. Fit outward opening, side-swinging, self-closing and latching, non-lockable certified fire doors of 1.5 hr rating in all stairwell enclosures. Consult a qualified fire protection engineer to design the required rated construction barriers.	
Suggested Deadline Date:	08 Aug 2014	
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Are shafts provided with the minimum fire-resistance rating?	
Priority Level:	High	
Non-Compliance Level:		
Description:	As per the inspection visually, no shaft was found in the building	
Source of Findings:	Visual Assessment: Visual Inspection shows that no shaft was exist in the building	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Part 4 Section 4.5.7.1 through 4.5.7.3	
Question:	Fire dampers installed on air-conditioning and ventilation ducts appear to be in good condition and operational.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	No air-conditioning and ventilation duct are available in the factory.	
Source of Findings:	Visual Assessment: Visual Assessment shows that No air-conditioning and ventilation duct are available in the factory	



Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Part 4 Section 4.6 Opening Protectives and Section 4.7 Penetrations	
Question:	If the building contains a vertical opening known as an atrium, have provisions been made to comply with Alliance Standard 3.7?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	No atrium available in main building.	
Source of Findings:	Visual Assessment: Visual Assessment shows that No atrium available in main building.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Section 3.7 Atrium	
Fire Protection Systems		
Question:	Is the building protected by an automatic sprinkler system?	
Priority Level:	High	
Non-Compliance Level:		
Description:	At Main Building Height of highest occupiable floor is 19.51m (64ft) which is less than 23 m. So automatic sprinkler system is not required according to Alliance Standards Part 5, Section 5.3.	
Source of Findings:	Document Review: Height of highest occupiable floor is 19.51m (64ft) which is less than 23 m. So automatic sprinkler system is not required.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Part 3 Section 3.5.3 Existing Buildings, Part 5 Section 5.3 Automatic Sprinkler Systems and Section 6.13 Travel Distance	
Question:	Design criteria of sprinkler system?	
Priority Level:		



Non-Compliance Level:	
Description:	Not applicable because an automatic sprinkler system is not required for the building.
Source of Findings:	Visual Assessment: Visual assessment shows that design criteria is not applicable because an automatic sprinkler system is not required for the building.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Provide the criteria used in the design of the sprinkler system.
Question:	Commodity Class used for the design of the sprinkler system?
Priority Level:	
Non-Compliance Level:	
Description:	Not applicable because an automatic sprinkler system is not required for the building.
Source of Findings:	Visual Assessment: Visual inspection shows that Commodity Class used for the design of the sprinkler system Not applicable because an automatic sprinkler system is not required for the building.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Reference NFPA 13 Chapter 5
Question:	Occupancy Classification used for the design of the sprinkler system?
Priority Level:	
Non-Compliance Level:	
Description:	Not applicable because an automatic sprinkler system is not required for the building.
Source of Findings:	Visual Assessment: Visual Assessment shows that Occupancy Classification for the design of the sprinkler system is not required as an automatic sprinkler system is not applicable for this building.
Suggested Plan of Action:	
Suggested Deadline Date:	



Standard:	Reference NFPA 13 Chapter 5	
Question:	Are inspection, maintenance, and testing procedures of the sprinkler system documented and up to date?	
Priority Level:	Low	
Non-Compliance Level:		
Description:	Not applicable because an automatic sprinkler system is not required for the building.	
Source of Findings:	Visual Assessment: Visual inspection shows that inspection, maintenance and testing procedures of the sprinkler system documentation is not required as the sprinkler system not exist in the buildings.	
Suggested Plan of Action:		
Suggested Deadline Date:		
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:		
Description:	Not applicable because an automatic sprinkler system is not required for the building.	
Source of Findings:	Visual Assessment: Visual inspection shows that identification signs for the sprinkler system is not required as the sprinkler system not exist in the buildings.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 13	
Question:	Sprinkler system piping is free of mechanical damage, leakage, and corrosion.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Not applicable because an automatic sprinkler system is not required for the building.	



Source of Findings:	Visual Assessment: Visual inspection shows that Sprinkler system piping of mechanical damage, leakage, and corrosion is not required as the sprinkler system not exist in the buildings.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	NFPA 25 Chapter 5 Section 5.2.2 Pipe and Fittings	
Question:	Sprinkler system piping is not subjected to external loads by materials either resting on the pipe or hung from the pipe?	
Priority Level:	Low	
Non-Compliance Level:		
Description:	Not applicable because an automatic sprinkler system is not required for the building.	
Source of Findings:	Visual Assessment: Visual Assessment shows that Not applicable because an automatic sprinkler system is not required for the building	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 25 Chapter 5 Section 5.2.2.2	
Question:	Are hangers, bracing, and restraints properly installed and supporting the system piping?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Not applicable because an automatic sprinkler system is not required for the building	
Source of Findings:	Visual Assessment: Visual Assessment shows that hangers, bracing, and restraints installation and supporting the system piping is not required as an automatic sprinkler system is not exist in the building.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 13 Chapter 9 Hanging, Bracing, and Restraint of System Piping.	



Question:	Sprinklers do not show signs of leakage, are free of corrosion, have not been painted, and are not physically damaged.
Priority Level:	Medium
Non-Compliance Level:	
Description:	Not applicable because an automatic sprinkler system is not required for the building
Source of Findings:	Visual Assessment: Visual Assessment shows that as automatic sprinkler system is not required for this building, signs of leakage, corrosion, paint condition is not applicable.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Reference NFPA 25 Chapter 5
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:	
Description:	Not applicable because an automatic sprinkler system is not required for the building.
Source of Findings:	
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Reference Alliance Standard Part 5 Section 5.3.5 Supervision and Alarms.
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:	
Description:	Not applicable because an automatic sprinkler system is not required for the building
Source of Findings:	
Suggested Plan of Action:	



Suggested Deadline Date:		
Standard:	Reference Alliance Standards Part 5 Section 5.3.5.2 Alarms.	
Question:	Are sprinklers spaced and installed at the required heights in order to provided required coverage and protection?	
Priority Level:	High	
Non-Compliance Level:		
Description:	Not applicable because an automatic sprinkler system is not required for the building	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 13	
Question:	Are storage racks and shelves compliant based on class of commodity storage?	
Priority Level:	High	
Non-Compliance Level:		
Description:	Not applicable because an automatic sprinkler system is not required for the building	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 13 Chapter 13, 14, 15, 16, or 17	
Question:	Aisles in storage areas are free of storage based on design criteria used for the sprinkler system.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Not applicable because an automatic sprinkler system is not required for the building	



Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 5 Section 5.3.6.3	
Question:	All storage is maintained with a 460 mm (18 in.) minimum clearance from the top of storage to the sprinkler deflector.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Not applicable because an automatic sprinkler system is not required for the building	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Part 5 Section 5.3.6.1 Storage Clearance	
Question:	Does the building have a Standpipe System?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Height of the highest occupied floor of the main building is 19.51m (64ft) above grade i.e. above 23m (75 ft). Therefore, class III standpipe system needs to be installed throughout the building as per Alliance Standard 5.4.2 and NFPA 14. Only class-II (40mm) fabric hoses are connected with underground Water Reservoir.	
Source of Findings:	Photograph: Photograph shows the standpipe system.	
Suggested Plan of Action:	Install a standpipe system at required locations which are to be designed by a qualified fire protection engineer. The system must be compliant with the requirements of NFPA 14. The hydraulic calculations should be reviewed by Alliance and review to be completed prior to start of work. All standpipe system installations shall be submitted for review by the Alliance for review prior to commencement of installation according to 5.4.3.2. Testing of the installation shall be conducted in accordance with NFPA 14 acceptance testing requirements. Documentation of all testing shall be submitted for review by the Alliance. Final inspection and testing of the installation shall be witnessed by the Alliance as per clause 5.4.3.3.	
Suggested Deadline	08 Aug 2014	



Date:		
Standard:	Does the building have a standpipe system installed where required. Alliance Standard Part 5 Section 5.4.2	
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:	2	
Description:	Complete standpipe system not installed yet. There are maintenance plans and records for the testing and maintenance of the current standpipe system.	
Source of Findings:	Photograph: Registry book of maintenance and testing procedures of the standpipe and hose system. This shows that the factory conducted proper inspection, maintenance, and testing procedures of the standpipe and hose system.	
Suggested Plan of Action:	An appropriate standpipe system needs to be designed by a qualified fire protection engineer and installed at required locations. The system must comply with the requirements of NFPA 14.	
Suggested Deadline Date:	31 Oct 2014	
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:	2	
Description:	Complete standpipe system is not installed yet. Signage for the existing standpipe system is not installed.	
Source of Findings:	Visual Assessment: No signage is found for the available standpipe.	
Suggested Plan of Action:	An appropriate standpipe system needs to be installed at the required locations designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14. Also, install required identification signs at the noted locations. Signage must comply with NFPA 14 Chapter 6.	
Suggested Deadline Date:	27 Jun 2014	
Standard:	Reference NFPA 14 Chapter 6	



Question:	Standpipe system piping is free of mechanical damage, leakage, and corrosion?
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Complete standpipe system not installed yet. Current standpipe system piping is free of mechanical damage, leakage, and corrosion.
Source of Findings:	Photograph: No mechanical damage, leakage, or corrosion is identifiable on current standpipe system.
Suggested Plan of Action:	An appropriate standpipe system needs to be installed at required locations designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14. Also install required identification signs at the noted locations. Signage must comply with NFPA 14 Chapter 6.
Suggested Deadline Date:	31 Oct 2014
Standard:	NFPA 25 Chapter 6 Standpipe and Hose Systems
Question:	Are fire department connections provided and clearly identified for the Fire Protection Systems?
Priority Level:	Medium
Non-Compliance Level:	
Description:	Fire department inlet(Siamese) and outlet connections are provided in the factory premises.
Source of Findings:	Visual Assessment: Fire department inlet and outlet connections were found.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 5 Section 5.5.4 Fire Department Connections
Question:	Does the building have a fire pump?
Priority Level:	High
Non-Compliance Level:	2
Description:	There is a dedicated fire pump available in the factory and one jockey pump with alternative automatic backup power, but no approved design with hydraulic calculation was found as per NFPA 20.
Source of Findings:	Photograph: Available dedicated fire pump and one jockey pump with alternative automatic backup power.





Suggested Plan of Action:	Install a pump dedicated for fire fighting or fire protection. Should follow the requirements of NFPA 20. Pump design should also account for 5th floor which is under construction. Fire pump installation is to be tested for final acceptance in presence of Alliance and a final inspection of the installation shall be conducted by the Alliance prior to final acceptance of the installation. Acceptance testing of the installation shall be in accordance with NFPA 20, 22, and 24 testing requirements. Documentation of all testing shall be submitted to the Alliance for review prior to final acceptance. This pump is to be connected to an alternative power source like a generator and the generator is to be connected with ATS (auto starter).
Suggested Deadline Date:	31 Oct 2014
Standard:	Alliance Standard Part 5 Fire Protection Systems
Question:	Are inspection, maintenance, and testing procedures of the fire pump documented and up to date?
Priority Level:	Low
Non-Compliance Level:	1
Description:	Proper fire pump has not been installed. Inspection, maintenance, and testing procedures of the existing fire pump has not been documented or kept up to date.
Source of Findings:	Document Review: There is no evidence of a plan or record for maintenance of the fire pump.
Suggested Plan of Action:	Install a pump dedicated for fire fighting or fire protection following the requirements of NFPA 20. Also Establish an inspection, maintenance, and testing program for the fire pump. Program must comply with NFPA 25.
Suggested Deadline Date:	31 Oct 2014
Standard:	Reference NFPA 25 Chapter 8 Fire Pumps
Question:	Are portable fire extinguishers installed throughout the building at required locations and mounted at the correct height?
Priority Level:	Medium
Non-Compliance Level:	
Description:	There is available fire extinguisher required location and mounted height is 4'-8" from floor to fire extinguisher top.
Source of Findings:	Photograph: Photograph shows that There is available fire extinguisher required location and mounted height is 4'-8" from floor to fire extinguisher to
Suggested Plan of Action:	
Suggested Deadline	





Date:		
Standard:	BNBC Part 4 Section 4.10 and NFPA 10	
Question:	Portable fire extinguishers have been selected based on potential fire class and hazards?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Portable fire extinguishers are used according to potential fire class and hazards. ABC, CO2 & Foam, which are selected by based on potential fire class & hazards.	
Source of Findings:	Photograph: Photograph shows that portable fire extinguishers are used according to potential fire class and hazards, Visual Assessment: Visual Assessment shows that Portable fire extinguishers are used according to potential fire class and hazards. ABC, CO2 & Foam, which are selected by based on potential fire class & hazards.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	NFPA 10 Chapter 5	
Question:	Fire extinguishers are inspected, tested, and maintained as required.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Extinguishers are inspected monthly by factory's staff. No documents were found in support of i) annual maintenance of extinguishers by a servicing agent, ii) annual testing of nozzle, and/or iii) internal inspection of extinguishers at 5 year interval.	
Source of Findings:	Document Review: Documents show that fire extinguishers are inspected, tested, and maintained on a monthly basis., Photograph: Fire extinguishers are inspected, tested, and maintained monthly.	
Suggested Plan of Action:	Fire extinguishers are to be inspected, tested, and maintained in accordance with NFPA 10 Chapter 7.	
Suggested Deadline Date:	31 Oct 2014	
Standard:	NFPA 10 Chapter 7	
Question:	Are there any other fire suppression systems installed within the building?	
Priority Level:		



Non-Compliance Level:		
Description:	There is no other fire suppression system in the building.	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:		
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:	An automatic fire alarm and detection system is available in the factory. However, there is no monitoring company in Bangladesh. Fire Service and Civil Defense are not capable of monitoring the fire alarm and detection systems of the factories.	
Source of Findings:	Photograph: Automatic fire alarm and detection system is available in the factory.	
Suggested Plan of Action:	Arrange for direct connection of the fire alarm system to a central monitoring station or Fire Service and Civil Defense. Until direct monitoring can be set up, a person shall be assigned to contact the fire department in the event of fire alarm activation. An annunciator shall be located in a constantly attended location (such as a fire control room) to alert this person.	
Suggested Deadline Date:	13 Jun 2014	
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring	
Question:	Trouble or alarm notifications were not indicated on the fire alarm control panel.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Central automatic fire detection panel were available in the factory premises.	
Source of Findings:	Photograph: Automatic fire detection panel were available.	
Suggested Plan of Action:		
Suggested Deadline Date:		



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:		
Description:	Notification and initiation devices for the fire alarm system are installed at required locations based on occupancy type.	
Source of Findings:	Photograph: Photograph shows that Notification and initiation devices for the fire alarm system are installed at required locations based on occupancy type.	
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	
Means of Egress		
Question:	Occupant loads on each level (floor) do not exceed the capacity of the available means of egress.	
Priority Level:	High	
Non-Compliance Level:		
Description:	In the 3rd & 4th Floor, individually 1094 workers working at the time of audit. The area per person computed is 36 sft which is greater than Alliance standard (25 sft per occupant).	
Source of Findings:	Visual Assessment: In the 3rd & 4th Floor, individually 1094 workers working at the time of audit.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.4 Occupant Load	
Question:	Occupied roofs are provided with the minimum number of exits required as a story.	
Priority Level:	High	
Non-Compliance Level:		



Description:	There are 4 nos. of exits are available at occupied roof.
Source of Findings:	Visual Assessment: Visual Assessment shows that Occupied roofs are provided with the minimum number of exits required as a story i.e. There are 4 nos. of exits are available at occupied roof.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standards Part 6 Section 6.6 Number of Means of Egress
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:	
Description:	6 storied building there is available parapet wall around the roof. Parapet height is 3'-6".
Source of Findings:	Photograph: Photograph shows that 6 storied building there is available parapet wall around the roof. Parapet height is 3'-6".
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:	3
Description:	Occupant loads are not posted for every assembly and production floor in a conspicuous space near the main point of egress.
Source of Findings:	Visual Assessment: Visual Assessment shows that occupant loads are not posted for every assembly and production floor in a conspicuous space near the main point of egress.
Suggested Plan of Action:	Post the occupant load for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space.
Suggested Deadline Date:	13 Jun 2014





Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
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:		
Description:	All aisles width at main building was found greater than 0.9m.	
Source of Findings:	Photograph: Photograph shows that the proper width of aisles i.e. greater than 0.9m	
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:	The path of egress along the means of egress is not reduced at any point along the path of travel and is sufficient for the occupant load.	
Priority Level:	High	
Non-Compliance Level:		
Description:	The path of egress along the means of egress is not reduced at any point along the path of travel.	
Source of Findings:	Visual Assessment: Visual assessment shows that the path of egress is not reduced at any point and the capacity is sufficient.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.5 Egress Width and BNBC Table 4.3.2	
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:		
Description:	Means of egress have a minimum ceiling height of 2.4 m (7 ft 6 in.) with projections from the ceiling not less than 2.15 m (7'-0") which is complying with the alliance standard.	
Source of Findings:	Visual Assessment: Visual Assessment shows that Ceiling height with	



	projection is 2.15 m which is not less than 2.03 m.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.3 Headroom	
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:		
Description:	All exit discharge directly to street.	
Source of Findings:	Photograph: Photograph shows that exits leading directly to street.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.17 Exit Discharge. See Section 16.7.2 and 16.7.3 for exceptions.	
Question:	Travel distance to reach an exit does not exceed the maximum distance allowed by Occupancy Type.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Travel distance to reach an exit does not exceed the maximum distance allowed by occupancy type in accordance with Alliance Standard, Part-6, Section-6.13.	
Source of Findings:	Visual Assessment: Travel distance to reach an exit does not exceed the maximum distance allowed.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 13 Travel Distance and BNBC Part 4 Section 3.15.1	
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:	
Description:	There is no such type of corridor in the factory premises.
Source of Findings:	Visual Assessment: There is no corridor in the factory premises.
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:	Interior finishes for means of egress meet the rating requirements for Class A, B and C materials.
Priority Level:	Medium
Non-Compliance Level:	
Description:	The interior finish of the means of egress is of plaster and non-combustible paint.
Source of Findings:	Visual Assessment: Plaster and non-combustible paint were used as interior finish.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 6 Section 6.3.2 Interior Finish
Question:	Exits are limited to Class A and Class B interior materials.
Priority Level:	Medium
Non-Compliance Level:	
Description:	Exits are made of brick walls with collapsible, sliding type door.
Source of Findings:	Visual Assessment: Exits are made of brick walls.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 6 Section 6.3.2 Interior Finish



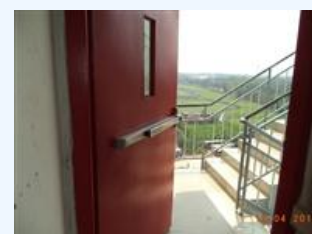
Question:	The number of means of egress from any floor or story is not less than 2 except where a single exit is permitted or where a greater number is required.	
Priority Level:	High	
Non-Compliance Level:		
Description:	There are 4 nos of exit stair available in the factory premise at each floor.	
Source of Findings:	Photograph: There are 4 nos of exit stair available.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.6 Number of Means of Egress	
Question:	The number of means of egress from any floor or story is not less than 3 when the occupant load exceeds 500 per story and not less than 4 when the occupant load exceeds 1000 per story.	
Priority Level:	High	
Non-Compliance Level:		
Description:	For highest occupant load at 3rd floor (1094 Occupant) of main building 4 stairs are enough.	
Source of Findings:	Visual Assessment: The number of means of egress is available in Accordance with occupant load.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.6 Number of Means of Egress	
Question:	All paths of egress are provided with compliant means of illumination.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	All paths of egress are provided with compliant means of illumination. All emergency lights are industrial grade.	
Source of Findings:	Photograph: Photograph shows that Paths of egress are available with compliant means of illumination.	
Suggested Plan of Action:		



Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.7 Egress Illumination and Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape	
Question:	Means of egress are free from impediments, obstructions, and stored materials.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Means of egress are free from impediments, obstructions.	
Source of Findings:	Visual Assessment: Visual Assessment shows that Means of egress are free.	
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:	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:	Available documents of periodical testing of emergency power for means of egress were found but do not comply with Alliance Standard.	
Source of Findings:	Document Review: Relevant document found of periodical testing of emergency power for means of egress were found but do not comply with Alliance Standard.	
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the operation of all exit signs is verified at least once per year. If battery-operated signs are used, these lights shall be tested on a monthly basis. Functional testing of battery powered signs shall be provided for a minimum 90 minutes once per year.	
Suggested Deadline Date:	13 Jun 2014	
Standard:	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting	
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:	There are collapsible gates and steel sliding doors with locking arrangements at some egress locations.
Source of Findings:	Visual Assessment: There are collapsible gates and steel sliding doors with locking arrangements at some egress locations.
Suggested Plan of Action:	Provide side-swinging, self-closing and latching non-lockable certified 1.5 hour fire-rated doors that open in the direction of egress in 2 hour rated exit enclosures. Exits shall be enclosed with the same fire-resistance rating as the floor penetrated but will not need to exceed 2 hour.
Suggested Deadline Date:	30 May 2014
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates
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:	3
Description:	One door width found 0.7m at ground floor which is not sufficient in accordance with Alliance Standard in building-2. Visually some of the doors appear fire-rated. However, no credible fire-rating certification for the doors is available.
Source of Findings:	Photograph: Door widths were not sufficient to comply with Alliance Standard in building-2.
Suggested Plan of Action:	Provide 1.5 hour fire-rated opening assemblies in 2 hour fire-rated exit enclosure. Increase door width to 0.8m or greater by demolishing wall adjacent to the door. If this door is not required to satisfy the requirement of total exit width (based on occupant load) and maximum travel distance, eliminate this door.
Suggested Deadline Date:	08 Aug 2014
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:	All doors in a means of egress are of the side-hinged swinging type.
Priority Level:	High
Non-Compliance Level:	2
Description:	Some doors in means of egress are not side-hinged swinging and self-latching type. Most of them are collapsible, sliding gates.





Source of Findings:	Photograph: Side-hinged swinging exit.	
Suggested Plan of Action:	Replace all collapsible, sliding gates and shutters in means of egresses with side-hinged swinging, self-latching doors of proper width and rating to comply with Section-6.8.1.	
Suggested Deadline Date:	08 Aug 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
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:		
Description:	Illuminated exit signs are placed at entrances to exits.	
Source of Findings:	Visual Assessment: Illuminated exit signs are placed at entrances to exits.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.11 Exit Signs	
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:		
Description:	Changes in elevation of walking surfaces do not exceed 6.35 mm (1/4 in).	
Source of Findings:	Visual Assessment: Changes in elevation of walking surfaces do not exceed 6.35 mm (1/4 in).	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.4 Walking Surfaces	



Question:	Illuminated exit signs are provided with battery backup or emergency power and are continuously illuminated.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Exit signs are provided with battery backup and are continuously illuminated.	
Source of Findings:	Photograph: Exit signs are provided with battery backup and are continuously illuminated.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.11 Exit Signs and Part 10 Section 10.12 Illumination of Exit Signs and Means of Escape	
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:	Documentation of periodical testing for emergency power of means of egress signs were found but the documentation does not comply with the Alliance Standard.	
Source of Findings:	Document Review: Relevant document available but is not complying with the alliance standard.	
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 must be tested on a monthly basis. Functional testing of battery powered signs must be conducted for a minimum 90 min once per year.	
Suggested Deadline Date:	13 Jun 2014	
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	
Question:	Exit signs have appropriate illumination levels and contrasting graphics.	
Priority Level:	Low	
Non-Compliance Level:		
Description:	Exit signs have appropriate illumination levels and contrasting graphics in accordance with Alliance Standard, Part-10, Section-10.12.	



Source of Findings:	Visual Assessment: Exit signs have appropriate illumination levels and contrasting graphics in accordance with Alliance Standard, Part-10, Section-10.12.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 10 Section 10.12.1 Exit Signs	
Question:	Walking surfaces along the path of egress are uniformly slip resistant.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Walking surfaces along the path of egress are made of Patent stone with net cement finishing which are uniformly slip resistant.	
Source of Findings:	Photograph: Walking surfaces along the path of egress are made of Patent stone with net cement finishing which are uniformly slip resistant.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.6 Slip Resistance	
Question:	Compliant guards are provided on the open sides of egress components where the elevation exceeds 760 mm (30 in) above the ground or floor below.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	The exit paths are free of this kind of elevation.	
Source of Findings:	Visual Assessment: The exit paths are free of this kind of elevation.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.7 Guards	



Question:	Stairs are constructed of noncombustible materials.
Priority Level:	Low
Non-Compliance Level:	
Description:	Stairs are constructed of noncombustible materials.
Source of Findings:	Photograph: Stairs are constructed of noncombustible materials.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 6 Section 6.9 Stairs
Question:	Stairs have a minimum width of 0.9 m (35 in.).
Priority Level:	High
Non-Compliance Level:	
Description:	All stairs comply with alliance standard.
Source of Findings:	Photograph: Stairs have a minimum width of 0.9 m (35 in.)
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 6 Section 6.5 Egress Width. Applies to existing construction.
Question:	Stair treads are of nominal uniformity.
Priority Level:	Medium
Non-Compliance Level:	
Description:	Stair treads are of nominal uniformity.
Source of Findings:	Photograph: Stair treads are of nominal uniformity.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standards Part 6 Section 6.9 Stairs. Any tread height exceeding more than 50% of the adjacent tread heights or 75 mm (3 in.), whichever is less, shall be modified to be within this tolerance





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:		
Description:	Landings are provided on both sides of doors used along the path of egress and doors do not swing out over stairs in all buildings.	
Source of Findings:	Visual Assessment: Landings are provided on both sides of doors.	
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:		
Description:	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.	
Source of Findings:	Photograph: Landings are provided with the same width in the direction of egress travel.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.9 Stairs and Section 6.5	
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:		
Description:	Handrail provided on both sides of each stairway.	
Source of Findings:	Photograph: Handrail provided on both sides of each stairway.	



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:	There are no re-entry doors available in accordance with Section-6.8.3 and 6.8.3.1(a).	
Source of Findings:	Visual Assessment: No re-entry doors are provided in the main building.	
Suggested Plan of Action:	Every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets the following requirements. Stair doors may be permitted to be locked from the stair (ingress) side that prevents re-entry to the floor provided at least two floors allowing re-entry to access another exit are provided, there are not more than 4 stories intervening between re-entry floors, re-entry is allowed on the top or next to top level, reentry doors are identified as such on the stair side, and locked doors shall be identified as to the nearest re-entry floors. When the discharge floor is determined to be a required re-entry floor using the above requirements, re-entry does not have to be provided back into the building on this level.	
Suggested Deadline Date:	08 Aug 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	Exterior exit stairs are separated from the building with the required rating. The rating of the exterior wall shall extend 3.05 m (10 ft) beyond the ends of the stair structure.	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Two exterior exit stairs are available without separation from the building and there are openings within 10 ft beyond the ends of the stair structure.	
Source of Findings:	Visual Assessment: Available openings within 10 ft beyond the ends of the stair structure were found.	
Suggested Plan of Action:	Close all openings across the span of the stair and 10 feet on each side from the ground level to roof or 10 ft above the topmost landing.	
Suggested Deadline Date:	08 Aug 2014	



Standard:	Alliance Standard Part 6 Section 6.3.1.2. Three stories or less 1-hr rating. Four stories of more 2-hr rating	
Question:	Interior exit stairways and ramps terminate at an exit discharge except where terminating at a rated exit passageway.	
Priority Level:	High	
Non-Compliance Level:		
Description:	There is an interior exit stairway that terminates through a rated passageway.	
Source of Findings:	Photograph: Interior exit stairway terminates through a fire rated passageway.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.14 Exit Enclosures	
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:	Stair designation signs are not provided at each floor. Only floor level is designated in Bengali & English.	
Source of Findings:	Photograph: Floor level is mentioned in Bengali & English only.	
Suggested Plan of Action:	Install signage adjacent to each stair door indicating the stair name and the floor level at the noted locations in accordance with Section 6.9.3.1.	
Suggested Deadline Date:	13 Jun 2014	
Standard:	Alliance Standard Part 6 Section 6.9 Stairs	
Question:	Stairwells are not utilized as storage spaces.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Stairwells are free of storage.	
Source of Findings:	Photograph: Stairwells are free of storage.	
Suggested Plan of Action:		



Suggested Deadline Date:		
Standard:	Alliance Standard Part 13 Section 13.9 Safety Inspections	
Question:	Ramps used in a means of egress do not reduce the overall means of egress width. The minimum width shall be 1.1 m (44 in.).	
Priority Level:	High	
Non-Compliance Level:		
Description:	No ramps are available in the building.	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 10 Ramps	
Question:	Ramps do not have a running slope greater than 1 in 8 (12.5 percent) and have handrails on both sides of the ramp.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	No ramps are available in the building.	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 10 Ramps	
Fire Safety Programs		
Question:	A Fire Safety Director position has been filled.	
Priority Level:	Low	
Non-Compliance Level:		
Description:	Viable documentation and physical presence of Fire Safety Director.	
Source of Findings:	Photograph: Viable documentation of Fire Safety Director.	
Suggested Plan of		





Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	An emergency evacuation plan has been developed and communicated to all employees.	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	An emergency evacuation plan has not been developed yet.	
Source of Findings:	Document Review: Among the documents shown by the factory personnel, no proper emergency evacuation plan was found.	
Suggested Plan of Action:	Develop an emergency evacuation plan which includes all components required by the Alliance Standards and communicate the plan to all employees.	
Suggested Deadline Date:	13 Jun 2014	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	Emergency egress maps are posted at the entrance to each exit stair or main point of egress.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Emergency egress maps are posted at the entrance to each exit stair or main point of egress.	
Source of Findings:	Photograph: Emergency egress maps are posted at the entrance to each exit stair or main point of egress.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.4 Evacuation Plan	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Fire Department pre-planning has not been completed.	





Source of Findings:	Document Review: Documents show that Fire Department pre-planning has not been completed yet.
Suggested Plan of Action:	Complete Fire Department pre-planning activities with the local Fire Service and Civil Defense.
Suggested Deadline Date:	13 Jun 2014
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director
Question:	Fire Drills are conducted at required intervals based on building use type.
Priority Level:	Medium
Non-Compliance Level:	
Description:	Fire Drills are conducted at required intervals.
Source of Findings:	Photograph: Fire drill conducted on march, 2014.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standards Part 13 Section 13.3 Fire Drills
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:	
Description:	The required number of people are trained and certified in fire fighting, first aid, and rescue training by the appropriate authority.
Source of Findings:	Photograph: Document or certificate by appropriate authority for training on fire fighting.
Suggested Plan of Action:	
Suggested Deadline Date:	
Standard:	Alliance Standard Part 13 Human Element Programs
Question:	A written housekeeping policy is established and enforced.
Priority Level:	Low
Non-Compliance Level:	1





Description:	The available record is not in compliance with the Alliance standard.	
Source of Findings:	Document Review: Available record is not in compliance with the Alliance standard.	
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 13mm (½in.) over a maximum of 46.5m ² (500ft ²). Limit dense deposits to 6mm (¼in.) and oil saturated deposits to 3.2mm (¼in.).	
Suggested Deadline Date:	23 Jan 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:	1	
Description:	A hot-work permit program has not been established.	
Source of Findings:	Document Review: A hot-work permit program has not been established.	
Suggested Plan of Action:	Develop a hot-work permit program that complies with Section-9.1.7 and NFPA 51B. In general, this program should address the process of request and approval of authorities, necessary checks prior to approval, standby fire watch and firefighting equipment, sounding of alarm procedure, duration and expiry of permit, and re-approval procedures, etc.	
Suggested Deadline Date:	31 Oct 2014	
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	
Question:	Chemicals and other flammable materials are stored within approved enclosures.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Chemicals and other flammable materials are not stored within approved enclosures.	
Source of Findings:	Visual Assessment: Chemicals and other flammable materials are not stored within approved enclosures.	
Suggested Plan of Action:	Store chemicals and all flammable materials in approved enclosure in a safe manner.	
Suggested Deadline	30 Jun 2014	



Date:		
Standard:		
Question:	Storage areas underneath the cutting tables are clear of combustibles.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Storage areas underneath the cutting tables are clear of combustibles on all floor of the main building.	
Source of Findings:	Visual Assessment: Storage areas underneath the cutting tables are clear of Combustibles on all floor of the main building.	
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:	2	
Description:	No records of training programs are available in accordance with the Alliance Safety Training Curriculum on fire safety.	
Source of Findings:	Document Review: No records of training programs are available in accordance with the Alliance Safety Training Curriculum on fire safety.	
Suggested Plan of Action:	Implement training program with proper documentation in accordance with the Alliance Safety Training Curriculum on fire safety.	
Suggested Deadline Date:	13 Jun 2014	
Standard:	Alliance Standards Part 13	
Question:	Smoking is only allowed at designated areas.	
Priority Level:	Low	
Non-Compliance Level:		
Description:	Smoking is only allowed at designated areas.	
Source of Findings:	Photograph: Smoking is only allowed at designated areas.	
Suggested Plan of		





Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.5 Smoking	
Question:	Are all applicable permits up to date including Fire License & Boiler License.	 
Priority Level:	Low	
Non-Compliance Level:		
Description:	All applicable permits up to date. Fire license is valid up to 30 June 2014. Boiler license is valid up to 17 April 2014.	
Source of Findings:	Document Review: All applicable permits up to date including fire & boiler license., Photograph: Photo-1: Fire license. Photo-2: Boiler license.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 13 Human Element Programs	
Question:	Are there additional areas of non-compliance to report?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	No additional areas of non-compliance to this report.	
Source of Findings:	Visual Assessment: No additional areas of noncompliance were found.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Not Applicable	