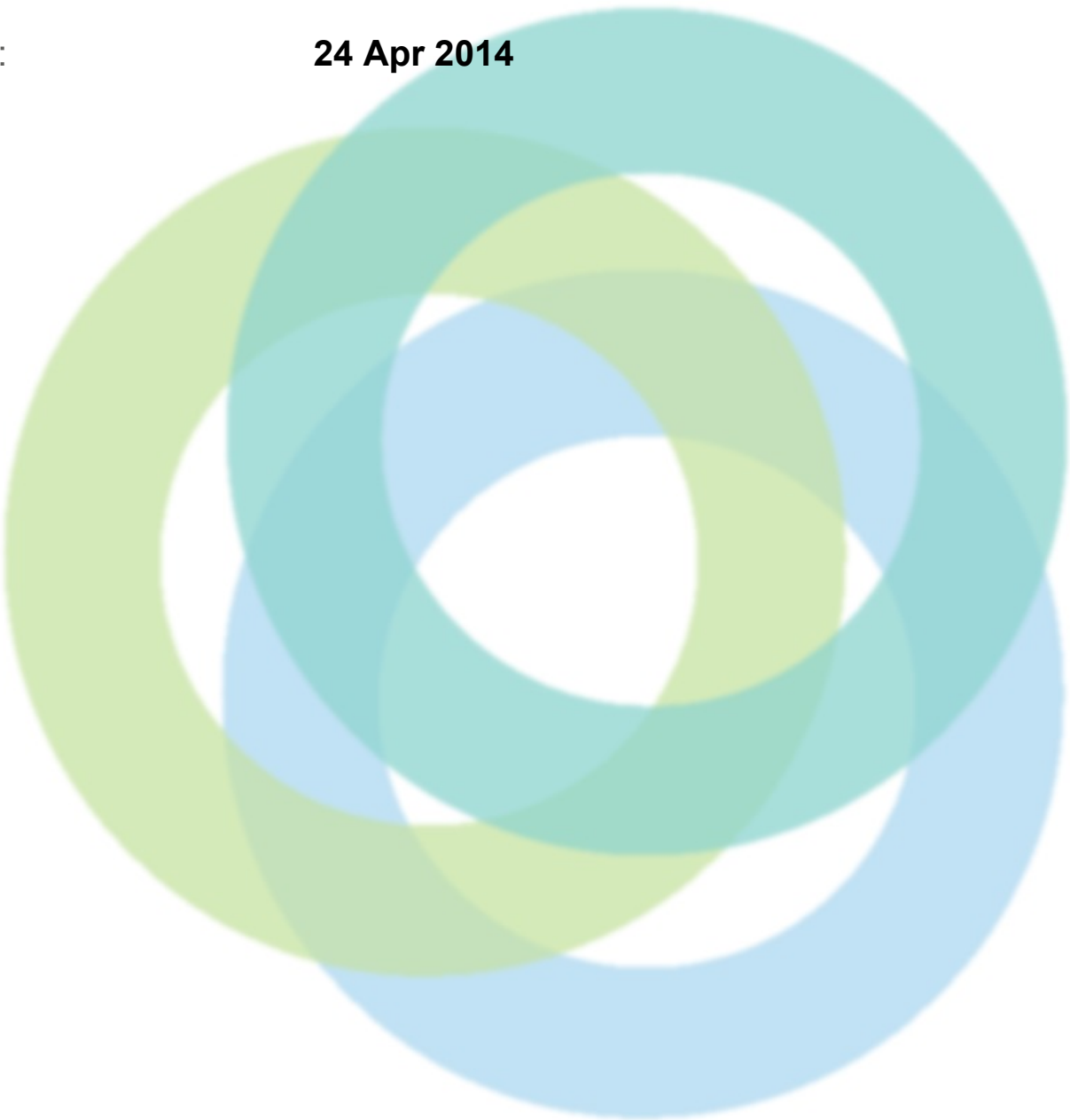


INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name: **Jinnat Fashions Ltd**
Address: **Sadarganj, Kashimpur Gazipur Dhaka Bangladesh**
Assessor: **Bureau Veritas**
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:	Jinnat Fashions Ltd
Address:	Sadarganj, Kashimpur Gazipur Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Gazipur
Zip Code:	1349
Audit Duration:	1 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	05-08-2014
Final Report Date:	07-01-2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	There are 8 buildings in the factory premises out of which three are main production buildings and five are ancillary buildings. The buildings are named as: 1) Three Story Jinnat Fashions Ltd, 2) Seven Story Jinnat Apparels Ltd & Flamingo Fashions Ltd, 3) Ten Story Jinnat Knitwears Ltd & Matin Knitwears Ltd. with Basement, 4) Two Story Zamil Store, 5) Single Story Generator Room, 6) Four Story Medical, Day care & Office, 7) Single Story Fire command Room, 8) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd).
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	Information provided below as per following format: Highest occupied floor level [Height up to roof], Stories above grade, Stories below grade, Occupied level. 1) Three Story Jinnat Fashions Ltd: 6.10 m or 20 ft [9.14 m or 30.00 ft], 3, 0, 3. 2) Seven Story Jinnat Apparels Ltd & Flamingo Fashions Ltd: 20.43 m or 67 ft [23.47 m or 77.00 ft], 7, 0, 8. 3) Ten Story Jinnat Knitwears Ltd & Matin Knitwears Ltd. with Basement: 31.40 m or 103 ft [34.5m or 113.00 ft], 10, 1, 11. 4) Two Story Zamil Store: 3.0 m or 10.05 ft [6.25 m or 20.5 ft], 2, 0, 2. 5) Single Story Generator Room: 60 cm or 2 ft above grade [6.10 m or 20 ft], 1, 0, 1. 6) Four Story Medical, Day care & Office: 9.80 m or 32 ft [12.80 m or 42.00 ft], 4, 0, 4. 7) Single Story Fire command Room: 60 cm or 2 ft above grade [12.80 m or 42.00 ft], 1, 0, 1. 8) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd): 30 cm or 1 ft above grade [4.57 m or 15.00 ft], 1, 0, 1.
Approximate Building Area (SF):	Total area of buildings in the factory premises: 621100.00 sft. Building wise breakdown as follows: 1) Three Story Jinnat Fashions Ltd: 112500 sft (Ground floor to 2nd floor@ 37500 sft), 2) Seven Story Jinnat Apparels Ltd & Flamingo Fashions Ltd: 141300 sft (Ground floor: to 6th floor @ 20000 sft, Mezzanine floor: 1300 sft), 3) Ten Story Jinnat Knitwears Ltd & Matin Knitwears Ltd.: 297000 sft (Basement to 9th floor @ 27000 sft), 4)

	Two Story Zamil Store: 36000 sft (Ground floor: 18000 sft, 1st floor: 18000 sft), 5) Single Story Generator Room: 3400 sft, 6) Four Story Medical, Day care & Office: 10400 sft (Ground floor to 3rd floor@ 2600 sft), 7) Single Story Fire command Room: 500 sft, 8) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd): 20000 sft.
Date of Building Construction:	Factory personnel informed the date of buildings construction as follows: 1) Three Story Jinnat Fashions Ltd: Finished in 2006, 2) Seven Story Jinnat Apparels Ltd & Flamingo Fashions Ltd: Finished in 2006, 3) Ten Story Jinnat Knitwears Ltd & Matin Knitwears Ltd. with Basement: Finished in 2007, 4) Two Story Zamil Store: Finished in 2005, 5) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd): Finished in 2005. No information of date of construction for rest of the buildings was found.
Date of Last Building Renovation/Addition:	No record for date of renovation or addition was found from factory personnel.
Ancillary Structures in Complex:	1) Two Story Zamil Store, 2) Single Story Generator Room, 3) Four Story Medical, Day care & Office, 4) Single Story Fire command Room, 5) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd).
Approximate Ancillary Structures Area (SF):	1) Two Story Zamil Store: 36000 sft (Ground floor: 18000 sft, 1st floor: 18000 sft), 2) Single Story Generator Room: 3400 sft, 3) Four Story Medical, Day care & Office: 10400 sft (Ground floor to 3rd floor@ 2600 sft), 4) Single Story Fire command Room: 500 sft, 5) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd): 20000 sft.
Number of Occupants:	Total number of occupants: 8796. 1) Three Story Jinnat Fashions Ltd: 2000 (Ground floor: 200, 1st floor: 850, 2nd floor: 950), 2) Seven Story Jinnat Apparels Ltd & Flamingo Fashions Ltd.: 2908 (Mezzanine Floor: 8, Ground floor: 160, 1st floor: 450, 2nd floor: 460, 3rd floor: 460, 4th floor: 460, 5th floor: 460, 6th floor: 450, Occupied roof: 0), 3) Ten Story Jinnat Knitwears Ltd & Matin Knitwears Ltd. with Basement: 3827 (Basement: 20, Ground floor: 120, 1st floor: 430, 2nd floor: 460, 3rd floor: 450, 4th floor: 450, 5th floor: 450, 6th floor: 450, 7th floor: 410, 8th floor: 400, 9th floor: 230), 4) Two Story Zamil Store: 10 (Including Ground floor and 1st Floor), 5) Single Story Generator Room: 02, 6) Four Story Medical, Day care & Office: 43 (Ground floor: 05, 1st floor: 20, 2nd floor: 15, 3rd floor: 03), 7) Single Story Fire command Room: 06, 8) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd): 0.
Number of Ancillary Levels (Stories):	Information provided below as per following format: Highest occupied floor level [Height up to roof], Stories above grade, Stories below grade, Occupied level. 1) Two Story Zamil Store: 3.0 m or 10.05 ft [6.25 m or 20.5 ft], 2, 0, 2. 2) Single Story Generator Room: 60 cm or 2 ft above grade [6.10 m or 20 ft], 1, 0, 1. 3) Four Story Medical, Day care & Office: 9.80 m or 32 ft [12.80 m or 42.00 ft], 4, 0, 4. 4) Single Story Fire command Room: 60 cm or 2 ft above grade [12.80 m or 42.00 ft], 1, 0, 1. 5) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd): 30 cm or 1 ft above grade [4.57 m or 15.00 ft], 1, 0, 1.
Occupancy Type:	1) Three Story Jinnat Fashions Ltd: [Ground Floor: G2 (Knitting section), F1 (office), K (Compressor room), H2 (Store), 1st floor: G2 (Sewing, packing), H2 (Finished goods store), E4 (Dining), 2nd floor: G2 (Cutting, sewing, finishing), F1 (Office), H2 (Fabric store)] and for remaining structures, see the description.
Construction Type:	1) Three Story Jinnat Fashions Ltd: Non-rated, 2) Seven Story Jinnat Apparels Ltd & Flamingo Fashions Ltd.: Type 1 and non-rated, 3) Ten Story Jinnat Knitwears Ltd & Matin Knitwears Ltd. with Basement: Type 1, 4) Two Story Zamil Store: Non-rated, 5) Single Story Generator Room: Type 1, 6) Four Story Medical, Day care & Office: Type 1, 7) Single Story Fire command Room: Type 1, 8) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd): Non-rated.
Height of Highest Occupied Floor Level Above Grade:	1) Three Story Jinnat Fashions Ltd: 6.10 m or 20 ft, 2) Seven Story Jinnat Apparels Ltd & Flamingo Fashions Ltd: 20.43 m or 67 ft, 3) Ten Story Jinnat Knitwears Ltd & Matin Knitwears Ltd. with Basement: 31.40 m or 103 ft, 4) Two Story Zamil Store: 3.0 m or 10.05 ft, 5) Single Story Generator Room: 0.60 m or 2 ft above grade, 6) Four Story Medical, Day care & Office: 9.80 m or 32 ft, 7) Single Story Fire command Room: 0.60 m or 2 ft above grade, 8) Single story store (Jinnat Apparels Ltd & Flamingo Fashions Ltd): 30 cm or 1 ft above grade.

Factory Name: **Jinnat Fashions Ltd**
Address: **Sadarganj, Kashimpur Gazipur Dhaka Bangladesh**

Assessor: **Bureau Veritas**
Date: **24 Apr 2014**





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:	Non-rated doors are installed at exits of seven story Jinnat Apparels Ltd & Flamingo Fashions Ltd building and ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd building. The doors on these stairs need to be 1.5 hr rated. Doors in fabric store on ground floor of ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd building are not fire rated. There are unprotected openings in the separation wall between fabric store and production on 2nd floor of the three story Jinnat Fashions Ltd building, where 0.75 hr rated opening assembly is required. The compressor room on ground floor of three story Jinnat Fashions Ltd building is separated from the production area by sliding glass doors, where 0.75 hr rated opening assembly is required. The generator shed is located within 4.5 m of three story Jinnat Fashions Ltd building and there are unprotected openings in the walls. Such unprotected openings are not allowed according to Alliance Standard.
Source of Findings:	Visual Assessment: Unprotected openings through rated walls were found at noted locations.
Suggested Plan of Action:	Provide opening protectives at all windows and other openings on all the fire rated wall across the entire premises. Close these openings if they are not required.
Suggested Deadline Date:	30 Sep 2014
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:	3
Description:	All floors in three story Jinnat Fashions Ltd building are separated by RCC casting on steel deck which is not capable of providing required fire separation as demanded in BNBC, Table 3.3.1. The slab thickness of the seven story Jinnat Apparels Ltd & Flamingo Fashions Ltd building and ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd building were found to be approximately 7.5" with finishing, which is capable of providing approximately 3.5 hour fire resistance. A slab for a type 1 building needs to have 3 hour fire rating. Fire ratings of 6 inch and 8 inch RC slabs are 2.5 hour and 3.75 hour respectively. Therefore, the slab in those buildings may be considered to have required rating to fire separate the floors.





Source of Findings:	Visual Assessment: Slab thickness was measured during site visit.	
Suggested Plan of Action:	Provide fire-resistive rated construction to protect the structural elements for the 3-story Jinnat building or provide automatic sprinkler protection throughout in accordance with Alliance Standard 3.5.3.1.	
Suggested Deadline Date:	30 Sep 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:	3	
Description:	There are 3 exits in the ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd building; doors appearing to be fire doors (without certificates) are installed at 2 exits, and collapsible glass type doors are installed at other exit. Similarly, at 2 exits of seven story Jinnat Apparels Ltd & Flamingo Fashions Ltd, there are doors appearing to be fire doors (without certificates), and at other exit there are collapsible glass doors. The doors on these stairs need to be 1.5 hour rated. Doors appearing to be fire doors (without certificates) are also installed at exits of three story Jinnat Fashions Ltd. No credible certificate is available for any installed doors.	
Source of Findings:	Visual Assessment: Non-rated doors are installed at exits.	
Suggested Plan of Action:	Provide 2 hr fire-resistive rated construction barriers at exit enclosures of ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd and seven story Jinnat Apparels Ltd & Flamingo Fashions Ltd. Fit outward opening, side-swinging, self-closing, non-lockable fire doors of 1.5 hr rating in all stairwell enclosures. Provide 1 hr fire-resistive rated construction barriers along with 1.0 hr rated doors at exit enclosures of three story Jinnat Fashions Ltd. Consult a qualified fire protection engineer to design the required rated construction barriers.	
Suggested Deadline Date:	30 Sep 2014	
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:	The walls separating boiler room from surrounding occupancies on different floor levels of all three main buildings have not been extended up to roof. The walls need to be 1.0 hr rated as per Alliance Standard. The walls separating the store on the 2nd floor of the three story Jinnat Fashions Ltd building from the production area is not capable of providing 1.0 hr fire separation as required. No separation is provided between dining area (E4) and production area (G2), where 3 hr fire separation is required as per Table 3.2.1 of BNBC.
Source of Findings:	Visual Assessment: Non-rated separations were observed at noted locations.
Suggested Plan of Action:	Provide fire-resistive rated construction barriers between hazard types in accordance with Alliance Standard. Consult a qualified fire protection engineer to design the required rated construction barrier.
Suggested Deadline Date:	20 Dec 2014
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation
Question:	Certificates of Occupancy for each building have been issued and are on file.
Priority Level:	Low
Non-Compliance Level:	1
Description:	No occupancy certificate is available for any building in the factory premises.
Source of Findings:	Document Review: There was no occupancy certificate for any of the buildings among the documents shown by the factory concerned people.
Suggested Plan of Action:	Apply to PWD for issuance of occupancy certificate and pursue the matter to expedite.
Suggested Deadline Date:	20 Aug 2014
Standard:	Are certificates of occupancy provided for each building or ancillary structure?



Fire Protection Systems

Question:	Is the building protected by an automatic sprinkler system?
Priority Level:	High
Non-Compliance Level:	3
Description:	The height of the highest occupied level of the ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd is 31.40 m (103 ft). Since the aforementioned height is more than 23m or 75 ft, an automatic sprinkler system is required for the



	building. In the three story Jinnat Fashions Ltd building, each floor area is 37,500 sft (greater than 22,000 sf), therefore automatic sprinkler systems are required. Sprinkler systems are not required for other structures.	
Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system throughout the building designed by a qualified fire protection engineer. The hydraulic design of the sprinkler system has to be pre-approved by CoE of Alliance. All installation and design requirements outlined in BNBC Part 4 Chapter 4 shall be replaced by the requirements of NFPA 13. Pipe schedules shall not be used to size pipe. All systems shall be hydraulically calculated to meet the required NFPA design requirements. Installation of new automatic sprinkler systems shall be required to provide shop drawings and hydraulic calculations.	
Suggested Deadline Date:	14 Feb 2015	
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:	Does the building have a Standpipe System?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	The highest occupied floor level of seven story Jinnat Apparels Ltd & Flamingo Fashions Ltd building is 20.43 m and an automatic sprinkler system is not provided in the building. Therefore, a class III standpipe system needs to be installed throughout the building at required stairwells. Highest occupied floor level of ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd building is 31.40 m. Therefore, a class I standpipe system along with sprinkler system need to be installed throughout the building. However, no class-I standpipe hose connection is available in the buildings, but a class-II standpipe connection is installed. No approved hydraulic design is available for the installed system.	 
Source of Findings:	Visual Assessment: Class-II standpipe system was found in the buildings.	
Suggested Plan of Action:	Install NFPA-compliant standpipe system at required locations.	
Suggested Deadline Date:	30 Sep 2014	
Standard:	Does the building have a standpipe system installed where required. Alliance Standard Part 5 Section 5.4.2	
Question:	Does the building have a fire pump?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Fire pump set is available with backup power, however it does not comply with the requirements of Alliance Standards and NFPA. Hydraulic calculation for required standpipe and sprinkler systems are not also available. Therefore,	



	required capacity of fire pump is not known. A suction lift is used whereas suction head is required. Additionally, a detailed design of pump components and layout were not found during the Audit.	
Source of Findings:	Visual Assessment: A pump dedicated for fire fighting was found in the factory premises.	
Suggested Plan of Action:	Have a qualified engineer review the pump capacity and ensure hydraulic calculation is done which can be supported by this pump. Also, identify all other performance data and ensure conformity to NFPA standards.	
Suggested Deadline Date:	20 Sep 2014	
Standard:	Alliance Standard Part 5 Fire Protection Systems	
Question:	Trouble or alarm notifications were not indicated on the fire alarm control panel.	  
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Installation of a centralized alarm and detection system is underway.	
Source of Findings:	Visual Assessment: Installation of a centralized alarm and detection system is ongoing.	
Suggested Plan of Action:	Install a centralized automatic fire alarm and smoke/heat detection system with control panel following the requirement of NFPA throughout all new and existing buildings and structures.	
Suggested Deadline Date:	30 Jul 2014	
Standard:	Alliance Standard Part 13 Section 13.10 Maintenance of Fire Protection Equipment	
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 concerned people, but no document was found in support of i) annual maintenance of extinguishers by a servicing agent and ii) annual testing of nozzle of CO2 extinguisher.	
Source of Findings:	Document Review: Relevant documents are not compliant with NFPA 10.	
Suggested Plan of Action:	Fire extinguishers are to be inspected, tested, and maintained in accordance with NFPA.	
Suggested Deadline Date:	14 Dec 2014	



Standard:	NFPA 10 Chapter 7	
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:	Installation work of centralized alarm and detection system is underway.	
Source of Findings:	Visual Assessment: Installation work of centralized alarm and detection system is ongoing.	
Suggested Plan of Action:	Provide an automatic fire alarm and detection system per NFPA and arrange for direct connection of the system to a central station monitoring service or the Fire Service and Civil Defense. Until that time that a central station monitoring service or direct connection to the Fire Service and Civil Defense 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:	30 Jul 2014	
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring	
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:	NFPA-compliant standpipe system is not installed in the building. Inspection, maintenance, and testing procedures of the installed class II standpipe and hose is not documented and up to date.	
Source of Findings:	Document Review: No document regarding inspection, maintenance and testing procedure of standpipe and hose system was found among the documents shown by the factory personnel.	
Suggested Plan of Action:	Install a standpipe system at required locations designed by a qualified fire protection engineer and institute an inspection, testing and maintenance program for the system.	
Suggested Deadline Date:	22 Dec 2014	
Standard:	Reference NFPA 25 Chapter 6 Standpipe and Hose Systems Table 6.1.1.2	
Question:	Are inspection, maintenance, and testing procedures of the fire pump documented and up to date?	
Priority Level:	Low	



Non-Compliance Level:	2
Description:	Installed fire pump does not comply with the requirements of Alliance Standards and NFPA 20. Inspection, maintenance, and testing procedures of the installed pump is not documented and up to date.
Source of Findings:	Document Review: No document regarding inspection, maintenance and testing procedure of fire pump was found in the documents shown by the factory personnel.
Suggested Plan of Action:	Establish an inspection, maintenance, and testing program for the fire pump. Program must comply with NFPA 25.
Suggested Deadline Date:	17 Dec 2014
Standard:	Reference NFPA 25 Chapter 8 Fire Pumps
Question:	Is signage for the standpipe system installed at required locations and on required components?
Priority Level:	Low
Non-Compliance Level:	1
Description:	NFPA-compliant standpipe system is not installed in the building. Signage for the available standpipe system is not installed.
Source of Findings:	Visual Assessment: No signage was found for the installed standpipe system.
Suggested Plan of Action:	Once a standpipe system is installed at required locations designed by a qualified fire protection engineer, provide signage in compliance with NFPA for the new system.
Suggested Deadline Date:	30 Jul 2014
Standard:	Reference NFPA 14 Chapter 6

Means of Egress

Question:	Doors are not locked in the direction of egress under any conditions. All hasps, locks, slide bolts, and other locking devices have been removed where required.
Priority Level:	High
Non-Compliance Level:	3
Description:	There are collapsible doors and glass doors with locking arrangements at exits of the buildings.
Source of Findings:	Visual Assessment: Locking devices were noticed on exit doors.
Suggested Plan of Action:	Remove all hasps, locks, slide bolts, or other locking devices at the noted locations.





Suggested Deadline Date:	30 Jul 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:	Door widths are sufficient, but among 3 exits in the ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd building, doors that appear to be fire doors (without certificates) are installed at 2 exits and collapsible, glass type doors are installed at other exit. Similarly, at 2 exits of seven story Jinnat Apparels Ltd & Flamingo Fashions Ltd building there are doors that appear to be fire doors (without certificates) and at other exit there are collapsible glass doors. Doors appearing to be fire doors (without certificates) are also installed at exits of three story Jinnat Fashions Ltd.
Source of Findings:	Document Review: No credible certificate for the fire doors was found.
Suggested Plan of Action:	Provide 1 hr fire protective opening assemblies in 1 hr rated exit enclosure. Provide 1.5 hr fire protective opening assemblies in 2 hr rated exit enclosure. Exits connecting three or fewer stories shall be enclosed with a minimum 1-hr fire-resistance rating. Exits connecting four or more stories shall be enclosed with a minimum 2-hr fire-resistance rating.
Suggested Deadline Date:	30 Sep 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:	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:	The external stair of the three story Jinnat Fashions Ltd building is not separated from the exterior wall of the building with the required rating. There are unprotected openings in the wall across the span of the stair. The rating of the exterior wall shall extend 3.05 m (10 ft) beyond the ends of the stair structure.
Source of Findings:	Visual Assessment: The external stair is not fire separated from the building.
Suggested Plan of Action:	Provide a fire-resistive rated assembly between the exterior exit stairs and the building up to 10 ft beyond the end of the stair to achieve the required separation. Fill any openings (windows, etc.) that are within 10 feet of the stairs with fire rated construction or opening protection. The rated assembly should be approved by a qualified fire protection engineer.





Suggested Deadline Date:	30 Sep 2014
Standard:	Alliance Standard Part 6 Section 6.3.1.2. Three stories or less 1-hr rating. Four stories or more 2-hr rating
Question:	All doors in a means of egress are of the side-hinged swinging type.
Priority Level:	High
Non-Compliance Level:	2
Description:	There are collapsible doors at exits of the main buildings, this violates Alliance Standard Part 6 Section 6.8.1.
Source of Findings:	Visual Assessment: All doors in means of egress were not found to be side-hinged swinging type.
Suggested Plan of Action:	Replace all collapsible, sliding, roll-down gates and shutters in means of egresses with side-hinged swinging type doors of proper width and rating.
Suggested Deadline Date:	30 Sep 2014
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:	The roof of the seven story Jinnat Apparels Ltd & Flamingo Fashions Ltd building is occupied by dining and prayer room and parapet height is 36", which is less than 42".
Source of Findings:	Visual Assessment: Parapet height was measured during site visit.
Suggested Plan of Action:	Provided parapets or guards for all occupied roofs of a minimum height of 1067 mm (42 in.).
Suggested Deadline Date:	20 Dec 2014
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 are not posted for every assembly and production floor in a





	conspicuous space near the main point of egress.	
Source of Findings:	Visual Assessment: Occupant loads were not posted at required locations.	
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:	05 Aug 2014	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
Question:	All paths of egress are provided with compliant means of illumination.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	All paths of egress in ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd building are not provided with compliant means of illumination. Paths of egress in other two main buildings are provided with compliant means of illumination.	
Source of Findings:	Visual Assessment: All paths of egress were not found to be compliantly illuminated.	
Suggested Plan of Action:	The means of egress paths shall be illuminated at all times the building is occupied. Illumination shall be a minimum of 10 lux for all corridors, exit doors, and stairways. Aisles shall be provided with a minimum 2.5 lux.	
Suggested Deadline Date:	20 Dec 2014	
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:	Illuminated exit signs are placed at entrances to exits and along the path of egress anywhere the continuation of egress is not obvious or there is a change in the direction of the path of travel.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Illuminated exit signs are placed at entrances to exits of ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd building, but along the path of egress additional exit signs or directional signs are not provided where there is a change in direction and where the continuation of egress is not obvious. This condition fails to satisfy requirements stated in Alliance Standards. For other buildings, exit signs are placed at required locations.	
Source of Findings:	Visual Assessment: Exit signs were not found at all required locations.	
Suggested Plan of Action:	Install Illuminated exit signs 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.	



Suggested Deadline Date:	22 Nov 2014	
Standard:	Alliance Standard Part 6 Section 6.11 Exit Signs	
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 plan or record of conducting periodic tests of the emergency battery backup for illumination of exit signs was found as required.	
Source of Findings:	Document Review: No document regarding testing of emergency power for exit signs was found among the documents shown by the factory personnel.	
Suggested Plan of Action:	Since battery operated signs are used, these lights are to be tested on a monthly basis. Functional testing of battery powered signs shall be provided for a minimum of 90 minutes once per year.	
Suggested Deadline Date:	05 Aug 2014	
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	
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:	2	
Description:	The seven story Jinnat Apparels Ltd & Flamingo Fashions Ltd and ten story Jinnat Knitwears Ltd & Matin Knitwears Ltd buildings are more than 6 stories, but doors are not provided with re-entry. Stair doors with re-entry are required in at least 2 floors. The buildings other than the above mentioned buildings have less than 6 stories, therefore re-entry is not required for those buildings.	
Source of Findings:	Visual Assessment: No re-entry provision was found at the exit doors.	
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, re-entry 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	30 Sep 2014	



Date:		
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
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:	2	
Description:	Ramps have a running slope greater than 1 in 8 (12.5 percent) but handrails are not provided on both sides of the ramp.	
Source of Findings:	Visual Assessment: Handrails were not found on both sides of ramp.	
Suggested Plan of Action:	Provide handrail on both sides of the ramp.	
Suggested Deadline Date:	17 Dec 2014	
Standard:	Alliance Standard Part 6 Section 10 Ramps	
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:	1	
Description:	Handrails are not provided on both sides of each stairway except one external exit stair of three story Jinnat Fashions Ltd building.	
Source of Findings:	Visual Assessment: Handrails were found on only one side of the stairway.	
Suggested Plan of Action:	Provide handrails on both sides of each stairway. Provide intermediate handrail when the stair width exceeds 2.2m (87 in). Provide handrail of height between the range 865 mm (34 in) and 965 mm (38 in).	
Suggested Deadline Date:	22 Nov 2014	
Standard:	Alliance Standard Part 6 Section 6.9 Stairs and 6.12 Handrails and Guards	
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:	1	
Description:	Stair and floor designation signs are not posted at each floor level of the buildings in the factory premises.	



Source of Findings:	Visual Assessment: No stair designation sign was found at required locations.
Suggested Plan of Action:	Install signage adjacent to each stair door indicating the stair name and the floor level at the noted locations.
Suggested Deadline Date:	05 Aug 2014
Standard:	Alliance Standard Part 6 Section 6.9 Stairs

Fire Safety Programs

Question:	An emergency evacuation plan has been developed and communicated to all employees.
Priority Level:	Medium
Non-Compliance Level:	2
Description:	No record of developing and communicating any emergency evacuation plan has been found, but factory authority claims that they have done this.
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 duties and responsibilities of various people/groups, interfacing between groups and fire brigade, headcount and identification of trapped victims, physically disabled people and their rescue, etc. and all components required by the Alliance Standards and communicate the plan to all employees. The evacuation plan shall include provisions to assist physically disabled persons. A list of all employees with physical disabilities shall be kept by the Fire Service Director.
Suggested Deadline Date:	05 Aug 2014
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director
Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	No document of any training program in accordance with the Alliance Safety Training Curriculum found.
Source of Findings:	Document Review: Alliance Safety Training Curriculum was not found among the documents shown by factory personnel.
Suggested Plan of Action:	Impart training in accordance with Alliance Safety Training Curriculum and keep record with proper documentation.
Suggested Deadline Date:	05 Aug 2014



Standard:	Alliance Standards Part 13	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Fire department pre-planning documentation was not found.	
Source of Findings:	Document Review: No document regarding fire department pre-planning was found among the documents shown by factory personnel.	
Suggested Plan of Action:	Complete fire department pre-planning activities with the local Fire Service and Civil Defense.	
Suggested Deadline Date:	05 Aug 2014	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	A hot-work permit program has been established.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	A hot-work permit program is not established. Hot-work is not going on in the factory, yet a hot-work permit program needs to be established.	
Source of Findings:	Document Review: No hot-work permit could be presented by the factory personnel.	
Suggested Plan of Action:	Develop a NFPA-compliant hot-work permit program. In general, this program should address the process of request and approval of authorities, necessary checks prior to approval, standby fire watch and fire fighting equipment, sounding of alarm procedure, duration and expiry of permit and re-approval procedure, etc.	
Suggested Deadline Date:	22 Dec 2014	
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	
Question:	Smoking is only allowed at designated areas.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Smoking is prohibited as per verbal information of factory personnel, but signs are not posted in Bengali and English at all building entrances. No designated smoking area is created outside the buildings.	
Source of Findings:	Visual Assessment: No designated area for smoking was found in the factory	

Factory Name: **Jinnat Fashions Ltd**
Address: **Sadarganj, Kashimpur Gazipur Dhaka Bangladesh**

Assessor: **Bureau Veritas**
Date: **24 Apr 2014**



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	premises.	
Suggested Plan of Action:	Smoking shall be prohibited in any garment factory building, separate storage building, or any building or area where the Inspector of the Factories Rules requires that smoking be prohibited. If an owner creates a designated smoking area outside the buildings, information on the location of these designated areas shall be posted on the signs.	
Suggested Deadline Date:	21 Jul 2014	
Standard:	Alliance Standards Part 13 Section 13.5 Smoking	