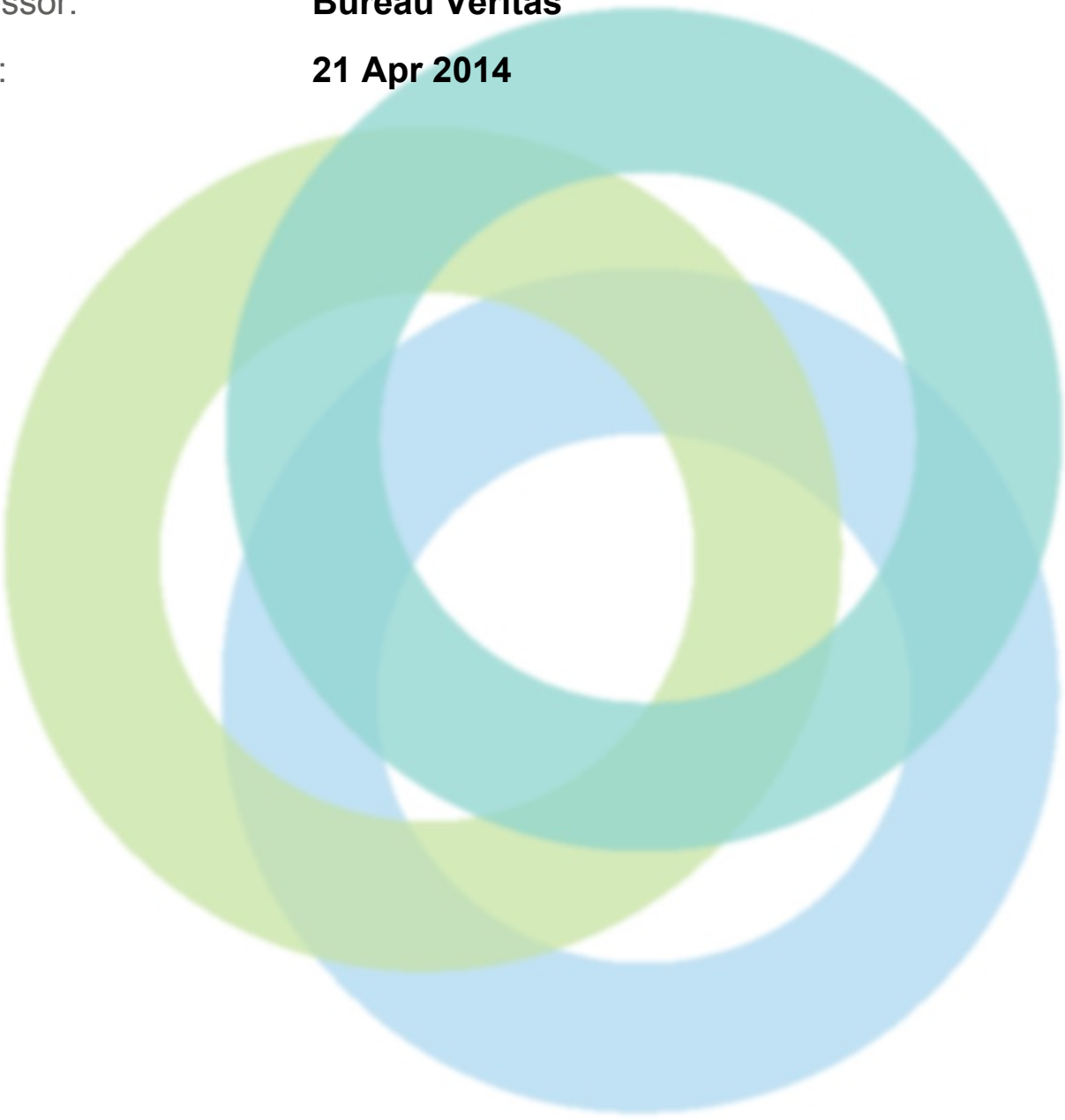


INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name: **EVERBRIGHT SWEATER LTD**
Address: **Kathgora Bazar, Zirabo, Savar Savar Dhaka
Bangladesh**
Assessor: **Bureau Veritas**
Date: **21 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.



Factory Name: **EVERBRIGHT SWEATER LTD**Assessor: **Bureau Veritas**Address: **Kathgora Bazar, Zirabo, Savar Savar Dhaka Bangladesh**Date: **21 Apr 2014**
ALLIANCE
 FOR BANGLADESH WORKER SAFETY

GENERAL INFORMATION

General Information

Factory Name:	EVERBRIGHT SWEATER LTD
Address:	Kathgora Bazar, Zirabo, Savar Savar Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Savar
Zip Code:	1341
Audit Duration:	1 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	05-12-2014
Final Report Date:	06-26-2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	There are twelve buildings in the factory premises out of which two are main production buildings and ten are ancillary buildings. The buildings are named as: 1) Six story main production building, 2) Three story winding building, 3) Four story office building, 4) Two story Generator and sub-station room, 5) Single story Childcare and Doctors building, 6) Single story Pump room, 7) Single story Fire hydrant and Generator room, 8) Single story Wastage Fabric room, 9) Single story Caretaker room, 10) Single story Idle Machine and wastage room, 11) Single story Time Section and gas riser room, 12) Single story Guard room.
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) Main building: 68 ft [87 ft], 6, 0, 6. 2) Winding building: 46ft [46 ft], 3, 0, 3. 3) Office building: 17ft [40 ft], 4, 0, 4. 4) Generator and sub-station room: 27ft [26 ft], 2, 0, 2. 5) Childcare and Doctors building: 10 ft [10 ft], 1, 0, 1. 6) Pump room: 10 ft [11 ft], 1, 0, 1. 7) Fire hydrant and Generator room: 10 ft [10 ft], 1, 0, 1. 8) Wastage Fabric room: 10 ft [10 ft], 1, 0, 1. 9) Caretaker room: 10 ft [10 ft], 1, 0, 1. 10) Idle Machine and wastage room: 10 ft [10 ft], 1, 0, 1. 11) Time Section and gas riser room: 10 ft [10 ft], 1, 0, 1. 12) Guard room: 10 ft [10 ft], 1, 0, 1.
Approximate Building Area (SF):	Total area of all buildings in the factory premises: 110986.00 sft. Building wise breakdown as follows: 1) 6 story Main Building: 90000.00 sft (Ground floor: 15000.00 sft, 1st floor: 15000.00 sft, 2nd floor: 15000.00 sft, 3rd floor: 15000.00 sft, 4th floor: 15000.00 sft, 5th floor: 15000.00 sft), 2) 3 story winding building: 7950 sft (Ground floor: 2650.00 sft, 1st floor: 2650.00 sft, 2nd floor: 2650.00 sft), 3) 4 story office building: 5015 sft (Ground floor: 936.00 sft, 1st floor: 1467.00 sft, 2nd floor: 1467.00 sft, 3rd floor: 1145.00 sft), 4) 2 story Generator and sub-station room: 4260 sft (Ground floor: 2130.00 sft, 1st floor: 2130.00 sft), 5) Childcare and



	Doctors building: 545 sft, 6) Pump room: 60 sft, 7) Fire hydrant and Generator room: 169 sft, 8) Jhut room: 567 sft, 9) Caretaker room: 163 sft, 10) Idle Machine and wastage room: 1423 sft, 11) Time Section and gas riser room: 600 sft, 12) Guard room: 234 sft.
Date of Building Construction:	Factory personnel informed the date of construction as follows: Finished in 2006 (All buildings).
Date of Last Building Renovation/Addition:	No record for date of renovation or addition was found from factory personnel.
Ancillary Structures in Complex:	1) Four story office building, 2) Two story Generator and sub-station room, 3) Single story Childcare and Doctors building, 4) Single story Pump room, 5) Single story Fire hydrant and Generator room, 6) Single story Wastage Fabric room, 7) Single story Caretaker room, 8) Single story Idle Machine and wastage room, 9) Single story Time Section and gas riser room, 10) Single story Guard room.
Approximate Ancillary Structures Area (SF):	1) Four story office building: 5015.00 sft (Ground floor: 936.00 sft, 1st floor: 1467.00 sft, 2nd floor: 1467.00 sft, 3rd floor: 1145.00 sft), 2) Two story Generator and sub-station room: 4260.00 sft (Ground floor: 2130.00 sft, 1st floor: 2130.00 sft), 3) Single story Childcare and Doctors building: 545.00 sft, 4) Single story Pump room: 60.00 sft, 5) Single story Fire hydrant and Generator room: 169.00 sft, 6) Single story Wastage Fabric room: 567.00 sft, 7) Single story Caretaker room: 163.00 sft, 8) Single story Idle Machine and wastage room: 1423.00 sft, 9) Single story Time Section and gas riser room: 600.00 sft, 10) Single story Guard room: 234.00 sft.
Number of Occupants:	Total number of occupants: 639. 1) Six story main production building: 609 (Ground floor: 87, 1st floor: 10, 2nd floor: 115, 3rd floor: 130, 4th floor: 233, 5th floor: 34), 2) Three story winding building: 11, (Ground floor: 9, 1st floor: 1, 2nd floor: 1), 3) Four story office building: 5 (Ground floor: 2, 1st floor: 1, 2nd floor: 1, 3rd floor: 1), 4) Two story Generator and sub-station room: 4 (Ground floor: 2, 1st floor: 2), 5) Single story Childcare and Doctors building: 3, 6) Single story Pump room: 1, 7) Single story Fire hydrant and Generator room: 1, 8) Single story Wastage Fabric room: 1, 9) Single story Caretaker room: 1, 10) Single story Idle Machine and wastage room: 1, 11) Single story Time Section and gas riser room: 1, 12) Single story Guard room: 1.
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) Office building: 17ft [40 ft], 4, 0, 4. 2) Generator and sub-station room: 27ft [26 ft], 2, 0, 2. 3) Childcare and Doctors building: 10 ft [10 ft], 1, 0, 1. 4) Pump room: 10 ft [11 ft], 1, 0, 1. 5) Fire hydrant and Generator room: 10 ft [10 ft], 1, 0, 1. 6) Wastage Fabric room: 10 ft [10 ft], 1, 0, 1. 7) Caretaker room: 10 ft [10 ft], 1, 0, 1. 8) Idle Machine and wastage room: 10 ft [10 ft], 1, 0, 1. 9) Time Section and gas riser room: 10 ft [10 ft], 1, 0, 1. 10) Guard room: 10 ft [10 ft], 1, 0, 1.
Occupancy Type:	1) Six story main production building: [G2 (Auto knitting section), H2 (Bonded ware house), 1st floor: G2 (Auto knitting section), 2nd floor: G2 (Quality section, packing section), 3rd floor: G2 (sewing section, finishing section, zipper section), 4th floor: G2 (linking section, training section), 5th floor: G2, E2 (Accessories store, prayer room, dinning room)], 2) Three story winding building: [Ground floor: G2 (winding section), 1st floor: H2 (Yarn store), 2nd floor: H2 (Yarn store)], 3) Four story office building: [Ground floor: F1 (Reception office), 1st floor: F1 (Office room), 2nd floor: F1 (Office room), 3rd floor: F1 (Office room)], 4) Two story Generator and sub-station room: [Ground floor: K (Generator room), 1st floor: E2 (Dining Room)], 5) Single story Childcare and Doctors building: B2 (Childcare room), D1 (Doctors Room), and see the description.
Construction Type:	1) Six story main production building: Type 1, 2) Three story winding building: Type 1, 3) Four story office building: Type 1, 4) Two story Generator and sub-station room: Non-rated, 5) Single story Childcare and Doctors building: Type 1, 6) Single story Pump room: Type 1, 7) Single story Fire hydrant and Generator room: Type 1, 8) Single story Wastage Fabric room: Non-rated, 9) Single story Caretaker room: Non-rated, 10) Single story Idle Machine and wastage room: Non-rated, 11) Single story Time Section and gas riser room: Type 1, 12) Single story Guard room: Non-rated.
Height of Highest Occupied Floor Level Above Grade:	1) Six story main production building: 22.51 m or 68 ft, 2) Three story winding building: 14.02 m or 46 ft, 3) Four story office building: 5.18 m or 17 ft, 4) Two story Generator and sub-station room: 8.23 m or 27 ft, 5) Single story Childcare and Doctors building: 3 m or 10 ft, 6) Single story Pump room: 3 m or 10 ft, 7) Single

Factory Name: **EVERBRIGHT SWEATER LTD**

Address: **Kathgora Bazar, Zirabo, Savar Savar Dhaka Bangladesh**

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story Fire hydrant and Generator room: 3 m or 10 ft, 8) Single story Wastage Fabric room: 3 m or 10 ft, 9)
Single story Caretaker room: 3 m or 10 ft, 10) Single story Idle Machine and wastage room: 3 m or 10 ft, 11)
Single story Time Section and gas riser room: 3 m or 10 ft, 12) Single story Guard room: 3 m or 10 ft.



ASSESSMENT FINDINGS

Fire Protection Construction

Question:	Are exit enclosures provided with fire-resistive rated construction barriers?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	There are 3 stairs in the 6 story main production building. Among them one is an internal stair which has no fire resistive construction barrier. It separated with glass and a window opening available on each floor within 6 ft distance.	
Source of Findings:	Visual Assessment: Exit enclosures are without fire-resistive rated construction barriers.	
Suggested Plan of Action:	Provide 2 hr fire-resistive rated construction barriers at exit enclosures. Fit outward opening, side-swinging, self-closing, non-lockable 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:	15 Sep 2014	
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Are openings and penetrations through rated walls and/or assemblies protected?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	In 6 story main production building, 3 exits are available on each floor. 2 exit doors in the east side of that building are provided with fire doors, but a glass separation and opening are available above each door. Other doors on each floor leading towards staircase are not fire rated. There were no penetrations through rated walls in any building.	
Source of Findings:	Visual Assessment: One door on each floor was open towards staircase.	
Suggested Plan of Action:	Provide outward opening, side-swinging, self-closing, non-lockable 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:	15 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:	Are shafts provided with the minimum fire-resistance rating?
Priority Level:	High
Non-Compliance Level:	2
Description:	A shaft is available in 6 story main building, which connects all floors but an elevator not installed yet. Shaft is available beside west side stair and exit doors of each floor connecting the staircase are not fire rated.
Source of Findings:	Visual Assessment: Shaft is available beside stair of west side without an elevator.
Suggested Plan of Action:	Create a 2-hour shaft enclosure and fill openings with fire rated construction.
Suggested Deadline Date:	15 Sep 2014
Standard:	Reference Alliance Standards Part 4 Section 4.5.7.1 through 4.5.7.3
Question:	Are separations between hazards provided with fire-resistive rated construction barriers.
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Compressor was available adjacent to 6 story main production building (east side) without any fire rating separation. Boiler room available in east side of that building adjacent to exit stair is separated with non-rated construction barrier. On 2nd floor of 6 story main building, spot removing room is available with thai-glass barrier. On 5th floor of that building, accessories store is separated with brick wall and glass barrier which may not consider a fire resistance barrier.
Source of Findings:	Visual Assessment: Unsatisfactory separation is available in the main building as above description.
Suggested Plan of Action:	Provide fire-resistive rated construction barriers between different types occupancy with 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:	08 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:	3
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:	04 Aug 2014
Standard:	Are certificates of occupancy provided for each building or ancillary structure?

Fire Protection Systems

Question:	Does the building have a Standpipe System?
Priority Level:	High
Non-Compliance Level:	2
Description:	Height of the highest occupied floor level of 6 story main building is 18.60 m (61 ft), which is more than 10 m (33 ft). Therefore, a class III standpipe system needs to be installed throughout the building at required stairwells as per NFPA 14. All other buildings are below occupied height 10 m (33 ft). Two class II standpipe hose connections (40 mm) are installed in every floor of that building. On the roof of that building hose pressure was sufficient. Hydraulic design for the installed system was not available. There is no need to install standpipe system in 3 story winding building, but a class-III standpipe system is available there.
Source of Findings:	Document Review: No documents available for hydraulic design of standpipe system.
Suggested Plan of Action:	Install a standpipe system at required locations designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14. The hydraulic calculations should be reviewed by Alliance prior to start of work. All standpipe system installations shall be submitted for review by the Alliance for review prior to commencement of installation. 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.
Suggested Deadline Date:	15 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 is available with self-priming mechanism and dedicated for firefighting, however it does not comply with the requirements of Alliance Standards and NFPA 20. Hydraulic calculation for installed standpipe not also available.
Source of Findings:	Document Review: No document available for hydraulic calculation of installed standpipe including fire pump.
Suggested Plan of Action:	Install a pump dedicated for fire fighting or fire protection following the requirements of NFPA 20. 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.
Suggested Deadline Date:	15 Aug 2014
Standard:	Alliance Standard Part 5 Fire Protection Systems
Question:	Are fire department connections provided and clearly identified for the Fire Protection Systems?
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Fire department (Siamese) inlet connection and outlet connection (pillar hydrant) is not provided.
Source of Findings:	Visual Assessment: No fire department connection was noticed.
Suggested Plan of Action:	Install fire department connections where required and in compliance with the Standard. Fire department outlet connections shall be provided to allow fire department pumper vehicles to draw water from ground-level or underground water storage tanks. Connections shall match the Fire Service and Civil Defense hose thread standard.
Suggested Deadline Date:	08 Dec 2014
Standard:	Alliance Standard Part 5 Section 5.5.4 Fire Department Connections





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:	Automatic fire alarm and detection system is available in the factory, but currently there is no monitoring company in Bangladesh. Fire service and civil defense is not also capable of monitoring fire alarm and detection systems of the factories.
Source of Findings:	Visual Assessment: Central detection panel with PA system available in factory premises. Visual Assessment
Suggested Plan of Action:	Automatic fire alarm and detection system is available in the factory, but currently there is no monitoring company in Bangladesh. Fire service and civil defense is not also capable of monitoring fire alarm and detection systems of the factories. Assign a person to contact the fire department in the event of activation until this connection can be set up. Locate an annunciator to alert this person in a constantly attended location (a fire control room).
Suggested Deadline Date:	21 Jul 2014
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring
Question:	Standpipe system piping is free of mechanical damage, leakage, and corrosion?
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Class III standpipe system is not installed in the building. Damage, leakage or corrosion was not found in the installed class II standpipe system piping.
Source of Findings:	Visual Assessment: No Class III standpipe system is installed in the building but no damage, leakage or corrosion was found in the installed class II standpipe system.
Suggested Plan of Action:	Install a standpipe system at required locations designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14.
Suggested Deadline Date:	08 Dec 2014
Standard:	NFPA 25 Chapter 6 Standpipe and Hose Systems
Question:	Is signage for the standpipe system installed at required locations and on required components?
Priority Level:	Low
Non-Compliance Level:	3





Description:	Class III standpipe system is not installed in the building. Signage for the available class II standpipe system is not installed.	
Source of Findings:	Visual Assessment: No signage for standpipe system was found.	
Suggested Plan of Action:	Install a standpipe system at required locations designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14.	
Suggested Deadline Date:	04 Aug 2014	
Standard:	Reference NFPA 14 Chapter 6	
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:	Class III standpipe system is not installed in the main building. Inspection, maintenance, and testing procedures of the installed class II standpipe and hose are 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:	Establish an inspection, maintenance, and testing program for the standpipe and hose system. Program must comply with the requirements of NFPA 25 Chapter 6 Table 6.1.1.2.	
Suggested Deadline Date:	08 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:	There was no document available for inspection, maintenance and testing procedures of the fire pump as per NFPA 25.	
Source of Findings:	Document Review: No relevant document was found.	
Suggested Plan of Action:	Install a pump dedicated for fire fighting or fire protection following the requirements of NFPA 20. Then establish an inspection, maintenance, and testing program for the fire pump. Program must comply with NFPA 25.	
Suggested Deadline	08 Dec 2014	



Date:		
Standard:	Reference NFPA 25 Chapter 8 Fire Pumps	
Means of Egress		
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 is installed at main production building from 5th to ground floor in east side of the building and window openings are within 10 ft. distance of the stairs. Similar openings are present at the external stair of office building. This does not satisfy the requirements of Alliance 6.3.1.3.	
Source of Findings:	Visual Assessment: Exterior exit stairs are not separated from the both building with the required rating.	
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. Install approved fire rated doors that are listed, permanently labeled, automatic- closing, in compatible fire rated frames with latching hardware.	
Suggested Deadline Date:	15 Sep 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:	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:	2	
Description:	All doors are open in the direction of egress. There are 3 exits in 6 story main building on each floor, among them 2 exits are protected with fire rated doors with no locking devices in the means of egress, but other exits on each floor are swinging type steel doors or sliding steel doors with locking devices towards means of egress. There are locking arrangements like hasps, locks, slide bolts at the exit doors but doors are not locked.	
Source of Findings:	Visual Assessment: Doors are not locked in the direction of egress but hasps, locks, slide bolts, and other locking devices are available at one exit door of each floor.	
Suggested Plan of Action:	Remove all hasps, locks, slide bolts, or other locking devices at the noted locations and provide one more non-lockable side hinged outward swinging emergency exit door.	



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:	2	
Description:	Minimum width of exit door is 1 m in all building available in the premises which is greater than the requirement of 0.8 m (32 in). One exit door (west side) of 6 story main building on each floor is steel type sliding door or swing door without any rating. Other emergency exit door in 6 story main building and 3 story winding building having required rating of 90 minutes.	
Source of Findings:	Visual Assessment: Door widths were measured on sample basis.	
Suggested Plan of Action:	Provide 1.5 hr fire protective opening assemblies in 2 hr rated exit enclosure. Exits connecting four or more stories shall be enclosed with a minimum 2-hr fire-resistance rating. Exits shall be enclosed with the same fire-resistance rating as the floor penetrated but will not need to exceed 2 hr.	
Suggested Deadline Date:	15 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:	All doors in a means of egress are of the side-hinged swinging type.	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	The emergency exit door located in west side on ground floor of 6 story main building has a sliding steel door, which is not side-hinged swinging type.	
Source of Findings:	Visual Assessment: Replace all collapsible gates in means of egresses with side-hinged swinging type doors of proper width and rating.	
Suggested Plan of Action:	Replace all collapsible, sliding, roll-down gates and shutters in means of egress with side-hinged swinging type doors of proper width and rating in accordance with Section-6.8.1.	
Suggested Deadline Date:	15 Sep 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
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:	3	
Description:	No plan or record of conducting periodic tests for the emergency battery back up of illumination of the exit signs.	
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:	Develop a testing and maintenance program that ensures the emergency power for exit signs is tested at least once per year. If battery operated signs are used, these lights are tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 min once per year.	
Suggested Deadline Date:	21 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	
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 in a conspicuous space near the main exits or exit access doorways as required.	
Source of Findings:	Visual Assessment: No occupant loads are posted in any buildings 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:	21 Jul 2014	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
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:	Record of verifying emergency power for means of egress illumination was not found as required.	
Source of Findings:	Document Review: No relevant document was found.	



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 of 90 minutes once per year	
Suggested Deadline Date:	21 Jul 2014	
Standard:	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting	
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 main production building is 6 stories, but doors are not provided with re-entry. Exit doors with re-entry provision are required on one floor. All doors are not fire rated.	
Source of Findings:	Visual Assessment: The main production building has 6 stories, but doors are not provided with re-entry.	
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 Date:	15 Sep 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	All paths of egress are provided with compliant means of illumination.	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	All paths of egress were provided with CFL bulbs and industrial grade emergency lights.	
Source of Findings:	Visual Assessment: Exit lighting was insufficient along the paths of egress.	
Suggested Plan of Action:	Install appropriate means of illumination at the noted locations. The means of egress paths shall be illuminated at all times during 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:	08 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:	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:	Floor level posted but stair name or designation was not mentioned. Floor level was mentioned in Bangla and English.	
Source of Findings:	Visual Assessment: Floor level mentioned but no stair designation sign was found in any floor.	
Suggested Plan of Action:	Install signage adjacent to each stair door indicating the stair name and the floor level at the noted locations with English & Bengali.	
Suggested Deadline Date:	21 Jul 2014	Fire Safety Programs
Standard:	Alliance Standard Part 6 Section 6.9 Stairs	
Question:	An emergency evacuation plan has been developed and communicated to all employees.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Workers are aware of the evacuation procedure upon commencing of the alarm. However, no procedure defining evacuation process was available.	
Source of Findings:	Worker Interviews: Through the interview it was noted that the workers are aware of the evacuation procedure upon commencing of the alarm.	
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:	21 Jul 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:	2
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:	21 Jul 2014
Standard:	Alliance Standards Part 13
Question:	Fire Drills are conducted at required intervals based on building use type.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Fire drills are conducted monthly in all buildings but not under the direction of a Fire Safety Director, conducted under Manager (HR-Compliance).
Source of Findings:	Document Review: Last fire drill was conducted on 19-April-2014, but not under the direction of a Fire Safety Director.
Suggested Plan of Action:	Conduct fire drills on a quarterly basis as outlined in BNBC Part 4 Appendix A for all garment facilities. Fire drills shall be conducted under the direction of a Fire Safety Director. All other requirements for fire drills shall be conducted in accordance with BNBC Part 4 Appendix A.
Suggested Deadline Date:	21 Jul 2014
Standard:	Alliance Standards Part 13 Section 13.3 Fire Drills
Question:	A Fire Safety Director position has been filled.
Priority Level:	Low
Non-Compliance Level:	2
Description:	No record of filling the position of Fire Safety Director has been found.
Source of Findings:	Document Review: No relevant documents was available.
Suggested Plan of Action:	Create a Fire Safety Director position and fill the position with an individual that has had sufficient training to be able to carry the required duties. The duties of the Fire Safety Director shall include the following: (1) Establish internal and





	external rally points and communicate to all employees in the building. (2) Fire department pre-planning. (3) Conduct safety inspections as outlined in Alliance standard 13.9. (4) Ensure all testing of fire protection equipment is conducted in accordance with Alliance standard 13.10.	
Suggested Deadline Date:	08 Dec 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:	2	
Description:	Hot work permit program is not established yet. However, hot-work is not taking place in the factory right now.	
Source of Findings:	Document Review: No hot-work permit could be presented by the factory personnel.	
Suggested Plan of Action:	Develop a hot-work permit program. The program must comply with the requirements of NFPA 51B.	
Suggested Deadline Date:	08 Dec 2014	
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Fire department pre-planning was not found.	
Source of Findings:	Document Review: No document regarding fire department pre-planning has been 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:	21 Jul 2014	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	