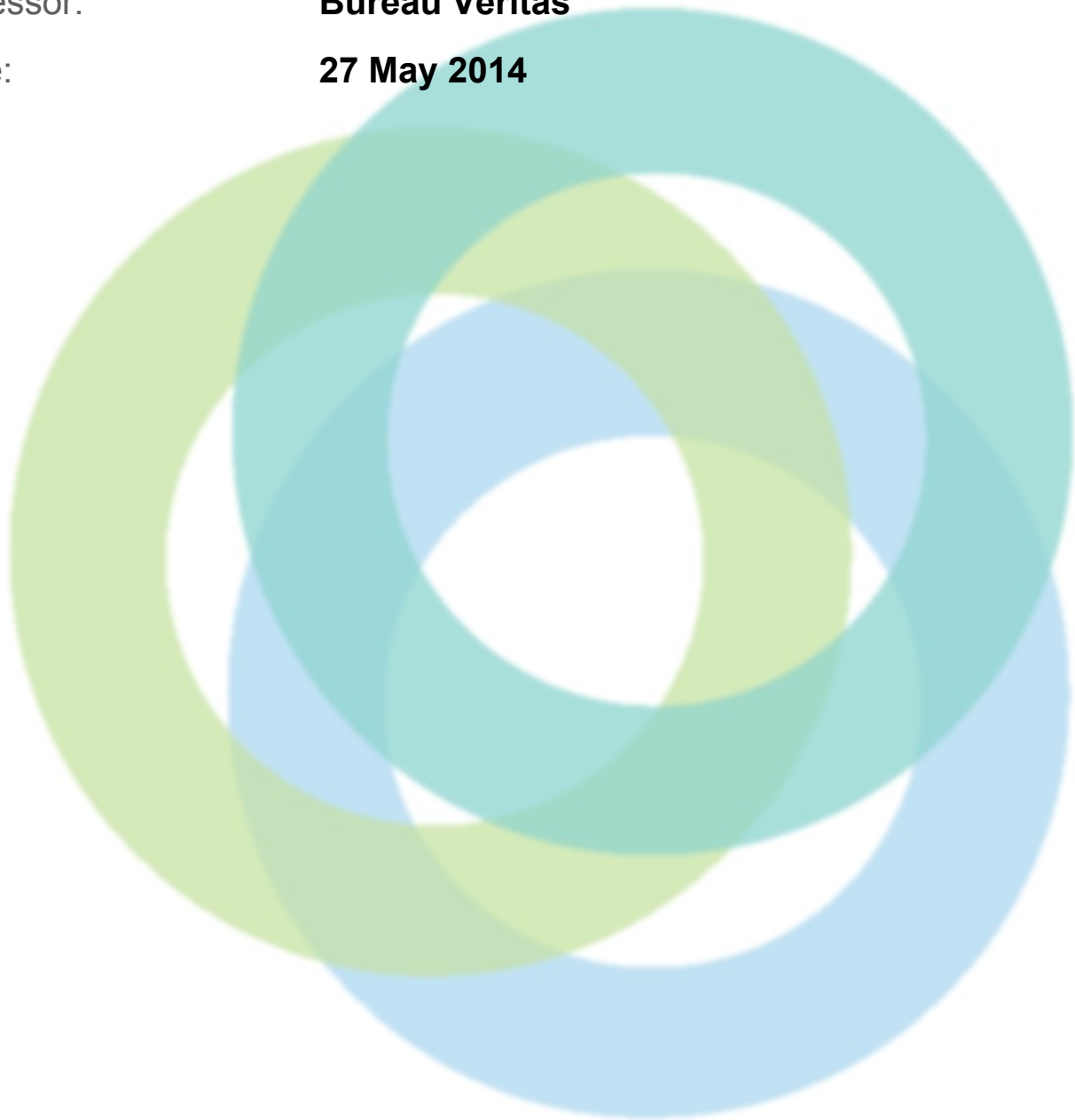


INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name: **4 YOU CLOTHING LTD**
Address: **367/1 Senpara Parbata, Mirpur-10, Dhaka Dhaka
Dhaka Bangladesh**
Assessor: **Bureau Veritas**
Date: **27 May 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:	4 YOU CLOTHING LTD
Address:	367/1 Senpara Parbata, Mirpur-10, Dhaka Dhaka Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Dhaka
Zip Code:	1216
Audit Duration:	1 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	05-27-2014
Final Report Date:	06-24-2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	There is one building in the factory premises. The building is named as: 1) Ten story RCC main production building.
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	1) Ten story RCC main production building: Building height (Highest occupied floor level): 28.05m or 92.00 ft [Height up to roof: 31.10 m or 102.00 ft], Stories above grade: 10, Stories below grade: 0, Occupied levels: 10.
Approximate Building Area (SF):	Total area: 78342.5 sft. 1) Ten story RCC main production building: 78342.5 sft (Ground floor: 7834.25 sft, 1st floor: 7834.25 sft, 2nd floor: 7834.25 sft, 3rd floor: 7834.25 sft, 4th floor: 7834.25 sft, 5th floor: 7834.25 sft, 6th floor: 7834.25 sft, 7th floor: 7834.25 sft, 8th floor: 7834.25 sft, 9th floor: 7834.25 sft).
Date of Building Construction:	Factory personnel informed the date of construction as follows: 1) Ten story RCC main production building: Started in December-1995.
Date of Last Building Renovation/Addition:	Factory personnel informed the date of last building renovation as follows: 1) Ten story RCC main production building: Renovation works are going on.
Ancillary Structures in Complex:	There is no ancillary structure in factory premises.
Approximate Ancillary Structures Area (SF):	There is no ancillary structure in factory premises.



Number of Occupants:	Total number of occupants: 1640. 1) Ten story RCC main production building: 1640 (Ground floor: 60, 1st floor: 210, 2nd floor: 212, 3rd floor: 230, 4th floor: 80, 5th floor: 235, 6th floor: 90, 7th floor: 218, 8th floor: 225, 9th floor: 80).
Number of Ancillary Levels (Stories):	There is no ancillary structure in factory premises.
Occupancy Type:	1) Ten story RCC main production building: [Ground floor: K1 (Boiler Room), H2 (Bonded Ware House), K1 (Substation Room), K1 (Generator Room), 1st floor: G2 (Finishing section, Packing Section, Iron section, Spot Removing room), 2nd floor: G2 (Finishing section, Packing Section), 3rd floor: G2 (Sewing Section), 4th floor: F1 (Corporate Office), 5th floor: G2 (Sewing Section), 6th floor: G2 (Sample Section), H2(Sample Store, Accessories store), F1 (Cad Section, Office, IT Department), 7th floor: G2 (Sewing Section), 8th floor: G2 (Sewing Section), 9th floor: G2 (Cutting section, Trim section, Iron section), H2 (Accessories store)].
Construction Type:	1) Ten story RCC main production building: [Ground floor to 9th floor: Type 1]
Height of Highest Occupied Floor Level Above Grade:	1) Ten story RCC main production building: 28.05m or 92.00 ft,



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:	Doors of the substation room, generator room, bonded wire house, pump room (at ground floor), spot removing room, and the exit doors leading to the staircases are not fire resistant and smoke proof. Such unprotected openings are not allowed.
Source of Findings:	Visual Assessment: Non-fire rated doors observed where fire rated doors should be fitted.
Suggested Plan of Action:	Provide opening protective at all windows and other openings on the entire fire rated wall across the entire premises. Close these openings if they are not required.
Suggested Deadline Date:	18 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 exit enclosures provided with fire-resistive rated construction barriers?
Priority Level:	High
Non-Compliance Level:	3
Description:	Out of the three required exit enclosures in the ten story RCC main building, only one has fire-resistive rated construction barriers. No fire door is installed at the remaining exits of any floor. The doors on these stairs need to be 1.5 hour rated.
Source of Findings:	Visual Assessment: Exit doors leading to the staircases are not fire resistant and smoke proof.
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:	18 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:	2
Description:	The doors of the substation room, generator room, and spot removing room are not protected through rated walls in mixed occupancies. If those openings are used by fire protective assemblies then all those occupancies will be separated properly.
Source of Findings:	Visual Assessment: Unprotected openings were found in the substation room, the generator room and the spot removing room.
Suggested Plan of Action:	Provide fire protected openings in the noted locations.
Suggested Deadline Date:	11 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:	2
Description:	No occupancy certificate available for the building on the factory premises.
Source of Findings:	Document Review: There was no occupancy certificate for the building among the documents shown by the factory's concerned people.
Suggested Plan of Action:	Apply to Rajuk for issuance of the occupancy certificate and pursue the matter to expedite.
Suggested Deadline Date:	07 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 highest occupied level of the main building is 28.05m (92.00ft). The whole building needs to be protected by an automatic sprinkler system but a sprinkler system is not provided in the building. Automatic sprinkler systems are to be provided throughout buildings with an occupied floor greater than 23m (75ft) above the finished grade in accordance with the requirements of NFPA 13.



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 must be pre-approved by CoE of the 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 13 design requirements. Installation of new automatic sprinkler systems shall require that shop drawings and hydraulic calculations be provided as outlined in NFPA 13. The test and performance report of the installed system has to be submitted to the Alliance for review. Final inspection and testing shall be witnessed by the Alliance.	
Suggested Deadline Date:	11 Dec 2014	
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 of the ten storied RCC main production building is 28.05m (92.00ft) above grade. An automatic sprinkler system is not provided, therefore, a Class I standpipe system along with a sprinkler system need to be installed throughout the building as per the Alliance Standard 5.4.2 and 5.3.2.1, and NFPA 14. Currently a Class II standpipe system is installed in the main building. Two Class II standpipe hose connections (40mm) are installed in the floors. The hose pressure at the roof was 4.5 bar, but there is no hydraulic design for the installed system.	
Source of Findings:	Visual Assessment: Only a class II standpipe hose system observed during site tour.	
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 the Alliance, with the review to be completed prior to start of work. All standpipe system installations shall be submitted to the Alliance for review prior to commencing installation, according to 5.4.3.2.	
Suggested Deadline Date:	18 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:	3
Description:	The building has a dedicated fire pump, but it does not comply with the requirements of the Alliance Standard and NFPA 20. Hydraulic calculation for installed standpipe system and sprinkler systems are not available.
Source of Findings:	Document Review: Hydraulic calculations for installed standpipe system and sprinkler systems are not available.
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 the presence of the Alliance and a final inspection of the installation shall be conducted by the the Alliance prior to final acceptance. 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:	11 Dec 2014
Standard:	Alliance Standard Part 5 Fire Protection Systems
Question:	Are sprinklers spaced and installed at the required heights in order to provided required coverage and protection?
Priority Level:	High
Non-Compliance Level:	2
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.
Source of Findings:	Visual Assessment: No sprinkler system was found installed.
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.
Suggested Deadline Date:	11 Dec 2014
Standard:	Reference NFPA 13
Question:	Are storage racks and shelves compliant based on class of commodity storage?
Priority Level:	High
Non-Compliance Level:	2
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.





Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.	
Suggested Deadline Date:	11 Dec 2014	
Standard:	Reference NFPA 13 Chapter 13, 14, 15, 16, or 17	
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:	2	
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.	
Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.	
Suggested Deadline Date:	11 Dec 2014	
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:	2	
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.	
Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.	
Suggested Deadline Date:	11 Dec 2014	
Standard:	Reference Alliance Standard Part 5 Section 5.3.5 Supervision and Alarms.	
Question:	Aisles in storage areas are free of storage based on design criteria used for the sprinkler system.	
Priority Level:	Medium	
Non-Compliance Level:	2	



Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.
Source of Findings:	Visual Assessment: During site tour no sprinkler system was found installed.
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.
Suggested Deadline Date:	11 Dec 2014
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:	2
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.
Source of Findings:	Visual Assessment: No sprinkler system was found installed.
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.
Suggested Deadline Date:	11 Dec 2014
Standard:	Reference Alliance Standards Part 5 Section 5.3.6.1 Storage Clearance
Question:	Standpipe system piping is free of mechanical damage, leakage, and corrosion?
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Class I standpipe system is not installed in the building. Neither damage, leakage, nor corrosion were found in the installed Class II standpipe system piping.
Source of Findings:	Visual Assessment: During site tour, class II standpipe system was found free from leakage and corrosion.
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:	11 Dec 2014
Standard:	NFPA 25 Chapter 6 Standpipe and Hose Systems



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 there is no document in support of i) annual maintenance of extinguishers by a servicing agent, ii) annual testing of nozzle and iii) internal inspection of extinguishers at 5 year intervals. These are required as per NFPA 10.
Source of Findings:	Document Review: No document was found in support of i) annual maintenance of extinguishers by a servicing agent, ii) annual testing of nozzle and iii) internal inspection of extinguishers at 5 year intervals.
Suggested Plan of Action:	Fire extinguishers are to be inspected, tested, and maintained in accordance with NFPA 10 Chapter 7.
Suggested Deadline Date:	11 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:	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 capable of monitoring the fire alarm and detection systems of the factories.
Source of Findings:	Visual Assessment: Automatic fire alarm and detection system is available in the factory but not connected to the Fire Service and Civil Defense.
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 that time when 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:	24 Jul 2014
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring
Question:	Sprinkler system piping is free of mechanical damage, leakage, and corrosion.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Automatic sprinkler system is not installed in the ten story RCC main





	production building.	
Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.	
Suggested Deadline Date:	11 Dec 2014	
Standard:	NFPA 25 Chapter 5 Section 5.2.2 Pipe and Fittings	
Question:	Are hangers, bracing, and restraints properly installed and supporting the system piping?	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.	
Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.	
Suggested Deadline Date:	11 Dec 2014	
Standard:	Reference NFPA 13 Chapter 9 Hanging, Bracing, and Restraint of System Piping.	
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:	2	
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.	
Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.	
Suggested Deadline Date:	11 Dec 2014	
Standard:	Reference Alliance Standards Part 5 Section 5.3.5.2 Alarms.	
Question:	Are inspection, maintenance, and testing procedures of the standpipe and hose system documented and up to date? Including inspection and testing of hoses if provided.	



Priority Level:	Low
Non-Compliance Level:	2
Description:	Class I standpipe system is not installed in the building. No inspection, maintenance, and testing procedures of the installed Class II standpipe and hose system were documented.
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 Class I standpipe system, at required locations, designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14. Then 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:	11 Dec 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:	Class I standpipe system is not installed in the building. Signage for the available Class II standpipe system is not installed.
Source of Findings:	Visual Assessment: Class I standpipe system is not installed in the building.
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. Install required identification signs at the noted locations. Signage must comply with NFPA 14 Chapter 6.
Suggested Deadline Date:	07 Aug 2014
Standard:	Reference NFPA 14 Chapter 6
Question:	Are inspection, maintenance, and testing procedures of the fire pump documented and up to date?
Priority Level:	Low
Non-Compliance Level:	2
Description:	Inspection, maintenance, and testing procedures of the fire pump is not documented.
Source of Findings:	Document Review: Inspection, maintenance, and testing procedures of the fire



	pump is not documented and up to date.	
Suggested Plan of Action:	Establish an inspection, maintenance, and testing program for the fire pump. Program must comply with NFPA 25.	
Suggested Deadline Date:	11 Dec 2014	
Standard:	Reference NFPA 25 Chapter 8 Fire Pumps	
Question:	Are inspection, maintenance, and testing procedures of the sprinkler system documented and up to date?	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.	
Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer. Then establish a maintenance program that includes the requirements established in NFPA 25.	
Suggested Deadline Date:	11 Dec 2014	
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:	1	
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.	
Source of Findings:	Visual Assessment: No sprinkler system was found installed.	
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer. Then install identification signage at the required locations.	
Suggested Deadline Date:	14 Aug 2014	
Standard:	Reference NFPA 13	
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:	1
Description:	Automatic sprinkler system is not installed in the ten story RCC main production building.
Source of Findings:	Visual Assessment: During site tour no sprinkler system was found installed.
Suggested Plan of Action:	Install an automatic sprinkler system designed by a qualified fire protection engineer.
Suggested Deadline Date:	11 Dec 2014
Standard:	Reference NFPA 25 Chapter 5 Section 5.2.2.2

Means of Egress

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:	3
Description:	Out of three exits, two lead directly to the street and one passes through the store, substation room, and generator room. This exit passageway has unprotected openings and fails to meet the requirement of clause 6.15.3.
Source of Findings:	Visual Assessment: The exit discharges to the interior of the building.
Suggested Plan of Action:	Install fire rated exit passageways to connect stair shafts with exterior discharge exits. Submit plans and secure Alliance approval before construction.
Suggested Deadline Date:	18 Sep 2014
Standard:	Alliance Standard Part 6 Section 6.17 Exit Discharge. See Section 16.7.2 and 16.7.3 for exceptions.

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 steel leaf doors with locking arrangements at each egress location.
Source of Findings:	Visual Assessment: Locking devices were noticed at exit doors.
Suggested Plan of Action:	Remove existing gates and doors in the means of egress including all locking devices. Install doors with approved panic hardware that cannot be locked in





	the direction of egress under any conditions.
Suggested Deadline Date:	10 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 greater than 0.8m, but ten doors along the path of egress (i.e., doors leading to a staircase) on all floors are collapsible gates. Those doors do not have rating of 1.5 hour as required in accordance with Sections 6.3.1.2.2 and 4.6.
Source of Findings:	Visual Assessment: Fire door was found at only one egress point in all floors.
Suggested Plan of Action:	Provide 1.5 hr fire protective opening assemblies in 2 hr rated exit enclosures. Exits connecting four or more stories shall be enclosed with a minimum 2 hr fire-resistance rating.
Suggested Deadline Date:	18 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:	3
Description:	Some of the doors in a means of egress are collapsible and sliding doors, which are not allowed as per Standards.
Source of Findings:	Visual Assessment: Some of the doors in the means of egress are collapsible and sliding doors.
Suggested Plan of Action:	Replace all collapsible and sliding doors, roll-down gates, and shutters in the means of egress with side-hinged swinging type doors of the proper width and rating.
Suggested Deadline Date:	18 Sep 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:	The external steel stair of this building is not having a fire separation from the building beyond 10 feet of its span as required as per clause 6.3.1.3. But this stair is under construction.
Source of Findings:	Visual Assessment: Exterior exit stair is not fire separated from the building
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 with fire rated construction. Install fire rated doors in doorways.
Suggested Deadline Date:	18 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:	Interior exit stairways and ramps terminate at an exit discharge except where terminating at a rated exit passageway.
Priority Level:	High
Non-Compliance Level:	3
Description:	The walls, ceilings and floors of the exit passageway are 2 hr fire-resistance rated but the unprotected openings (substation, store, and generator room at ground floor) fail to meet the requirement of clause 6.15.3. The building is ten-storied and hence the exit served requires 2 hr fire rating according to 6.3.1.2.1 and the exit passageway requires the same rating according to 6.15.3.
Source of Findings:	Visual Assessment: The doors of substation, store, and generator room at ground floor which are behind the exit passageway.
Suggested Plan of Action:	Construct an exit passageway to provide a protected egress path from the stairs to an exterior exit discharge. Walls, floors and ceilings of the passage shall be fire rated, equal to the stair.
Suggested Deadline Date:	18 Sep 2014
Standard:	Alliance Standard Part 6 Section 6.14 Exit Enclosures
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 any assembly and production floor.	
Source of Findings:	Visual Assessment: Occupant loads are not posted in any location near means 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:	24 Jul 2014	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
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, 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.	
Source of Findings:	Visual Assessment: 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.	
Suggested Plan of Action:	Install illuminated exit signs 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:	11 Dec 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 record of testing emergency power for 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:	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 to be tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 minutes once per year.	





Suggested Deadline Date:	24 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	
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:	2	
Description:	Northwest and southwest stairways have handrails on one side of the stairway. The handrails are mounted lower than the 30 inch requirement, at 28 inches, violating clauses 6.9.2.4 and 6.12.1.2.	
Source of Findings:	Visual Assessment: The handrail in the northwest stairway is mounted at 28 inches.	
Suggested Plan of Action:	Provide handrails on both side of each stairway. Provide handrail at a height between the range 865mm (34in.) and 965mm (38in.).	
Suggested Deadline Date:	11 Dec 2014	
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:	2	
Description:	The main production building has ten stories, but doors are not provided with re-entry. Stairway doors with re-entry are required on at least two floors.	
Source of Findings:	Visual Assessment: 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 four 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:	18 Sep 2014	



Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
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:	1	
Description:	No record of verifying emergency power for means of egress illumination.	
Source of Findings:	Document Review: No document regarding verification of emergency power for means of egress were among the documents shown by the factory personnel.	
Suggested Plan of Action:	Emergency power for egress lights shall be verified at least once per year. If battery operated lights are used, test them monthly. Provide functional testing of battery powered lights a minimum of 30 min once per year. Ref. 10.12.2.3.	
Suggested Deadline Date:	24 Jul 2014	
Standard:	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting	
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:	Signs include floor level in Bengali and English, as required, but signs do not include stair name or designation.	
Source of Findings:	Visual Assessment: Floor level is mentioned but stair name or designation is not mentioned.	
Suggested Plan of Action:	Install signage adjacent to each stair door indicating the stair name.	
Suggested Deadline Date:	24 Jul 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:	Workers are not aware of the evacuation procedure upon commencing the alarm and no procedure defining the evacuation process was available.
Source of Findings:	Visual Assessment: Emergency evacuation plan was not obtained.
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. See guidelines of the BNBC in the Appendix.
Suggested Deadline Date:	24 Jul 2014
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director
Question:	Storage areas underneath the cutting tables are clear of combustibles.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Fabrics are stored underneath the cutting tables in the cutting section on the 9th floor.
Source of Findings:	Visual Assessment: Combustibles observed underneath cutting table.
Suggested Plan of Action:	Remove all combustibles stored underneath the cutting tables at the noted locations. Establish and enforce a housekeeping policy to keep these areas clear of storage.
Suggested Deadline Date:	05 Aug 2014
Standard:	Alliance Standard Part 17 Section 13.7.2 Cutting tables.
Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	There is no documentation of a training program implemented in accordance with the Alliance Safety Training Curriculum.
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 the Alliance Safety Training Curriculum and keep records with proper documentation.
Suggested Deadline Date:	24 Jul 2014





Standard:	Alliance Standards Part 13	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Fire department pre-planning was not found.	
Source of Findings:	Document Review: No document regarding fire department pre-planning was 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:	24 Jul 2014	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	A written housekeeping policy is established and enforced.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Written housekeeping policy was not found but they have maintained a cleaning register for housekeeping.	
Source of Findings:	Visual Assessment: Written housekeeping is practiced by register but policy not found.	
Suggested Plan of Action:	Establish a written housekeeping policy. 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.	
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.6 Housekeeping	
Question:	A hot-work permit program has been established.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Works involving or including welding, grinding, etc., are being conducted on the premises. But no hot-work permit program is established, which is required.	
Source of Findings:	Document Review: No hot-work permit could be presented by the factory personnel.	



Factory Name: **4 YOU CLOTHING LTD**

Address: **367/1 Senpara Parbata, Mirpur-10, Dhaka Dhaka Dhaka Bangladesh**

Assessor: **Bureau Veritas**

Date: **27 May 2014**



ALLIANCE
FOR BANGLADESH WORKER SAFETY

Suggested Plan of Action:	Develop a hot-work permit program. The program must comply with the requirements of NFPA 51B. In general, this program should address process of requests and approval by 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 procedures, etc.	
Suggested Deadline Date:	11 Dec 2014	
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	