INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name:	**Apex Group**
Address:	**Chandora, Kaliakoir, Gulshan, Dhaka Gazipur Dhaka Bangladesh**
Assessor:	**Bureau Veritas**
Date:	**16 Jun 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

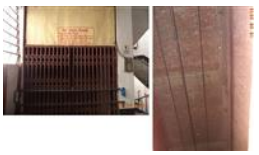
General Information	
Factory Name:	Apex Group
Address:	Chandora, Kaliakoir, Gulshan, Dhaka Gazipur Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Gazipur
Zip Code:	
Audit Duration:	1 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	06-16-2014
Final Report Date:	06-30-2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	There are 23 buildings in the factory premises out of which twelve are main production buildings and eleven are ancillary buildings. The buildings are named as: 1) Four story ASKML building, 2) Single story dying shed, 3) Single story dying finishing shed-1, 4) Single story dying finishing shed-2, 5) Single story raising shed, 6) Single story ASKML knitting shed, 7) Single story winding shed, 8) Three story dying shed, 9) Seven story ATPML building, 10) Eight story chemical store building, 11) Six story Apex Lingerie building, 12) Single story dying shed (Apex Lingerie), 13) Four story corporate office building, and ten single story buildings in the factory premises.
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) ASKML building: 12.80 m or 42 ft [16.15 m or 53 ft], 4, 0, 4. 2) Dying shed: 30 cm or 1 ft [6.71 m or 22 ft], 1, 0, 1. 3) Dying finishing shed-1: 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 4) Dying finishing shed-2: 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 5) Raising shed: 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 6) ASKML knitting shed: 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 7) Winding shed: 30 cm or 1 ft [6.71 m or 22 ft], 1, 0, 1. 8) Three story dying shed: 14.94 m or 49 ft [18.29 m or 60 ft], 3, 0, 3. 9) ATPML building: 28.66 m or 94 ft [31.71 m or 104 ft], 7, 0, 7. 10) Chemical store building: 24.70 m or 81 ft [28.66 m or 94 ft], 8, 0, 8. 11) Apex Lingerie building: 22.56 m or 74 ft [26.52 m or 87 ft], 6, 0, 6. and eleven single story buildings and one four story corporate office building in the factory premises.
Approximate Building Area (SF):	Total area of all buildings in the factory premises: 1149719 sft. Building wise breakdown as follows: 1) Four story ASKML building: 103414 sft 2) Single story dying shed: 51561 sft, 3) Single story dying finishing shed-1: 21223 sft, 4) Single story dying finishing shed-2: 9160 sft, 5) Single story raising shed: 6144 sft, 6) Single story ASKML knitting shed: 48410 sft, 7) Single story winding shed: 65158 sft, 8) Three story dying shed: 9801 sft 9) Seven story ATPML building: 506181 sft 10) Eight story chemical store building: 51560 sft 11) Six story Apex Lingerie building: 208625 sft 12) Single story dying shed (Apex Lingerie): 19620 sft, 13) Four story corporate office building: 16821 sft, and rest ten single story buildings area 32041 sft.
Date of Building Construction:	Factory personnel informed the date of construction as follows: 1) ASKML building: Finished in 2002, 2) Dying shed: 2009, 3) Dying finishing shed-1: 1992, 4) Dying finishing shed-2: 2009, 5) Raising shed: 1991, 6) ASKML knitting shed: 1991, 7) Winding shed: 2002, 8) Dying shed: 2002, 9) ATPML building: 2013, 10) Chemical store building: 2013, 11) Apex Lingerie building: 2010, 12) Dying shed (Apex Lingerie): 2006, 13) Corporate office building: 2006, 14) Childcare & medical building: 2007, 15) Fire pump building: 2014, 16) Acid shed: 2001, 17) Generator shed (Yarn dying): 2002, 18) Pump shed (Yarn dying): 2002, 19) Boiler shed (Yarn dying): 2002, 20) Workers dining (Apex Lingerie): 2003, 21) Generator & work shop shed (ATPML): 2003, 22) Boiler shed (ATPML): 2002, 23) Generator building (ATPML): 2002.

Date of Last Building Renovation/Addition:	Factory personnel informed the date of last building renovation as follows: 1) Four story ASKML building: Finished in 2004, 2) Six story Apex Lingerie building: Finished in 2010. For rest of the buildings no record for date of renovation or addition was found.
Ancillary Structures in Complex:	1) Four story corporate office building, 2) Single story childcare & medical building, 3) Single story fire pump building, 4) Single story acid shed, 5) Single story generator shed (Yarn dying), 6) Single story pump shed (Yarn dying), 7) Single story boiler shed (Yarn dying), 8) Single story workers dining (Apex Lingerie), 9) Single story generator & work shop shed (ATPML), 10) Single story boiler shed (ATPML), 11) Single story generator building (ATPML).
Approximate Ancillary Structures Area (SF):	1) Four story corporate office building: 16821 sft, (Ground floor: 4487 sft, 1st floor: 4487 sft, 2nd floor: 4487 sft, 3rd floor: 3360 sft), 2) Single story childcare & medical building: 3293 sft, 3) Single story fire pump building: 250 sft, 4) Single story acid shed: 300 sft, 5) Single story generator shed (Yarn dying): 9648 sft, 6) Single story pump shed (Yarn dying): 300 sft, 7) Single story boiler shed (Yarn dying): 2450 sft, 8) Single story workers dining (Apex Lingerie): 9500 sft, 9) Single story generator & work shop shed (ATPML): 700 sft, 10) Single story boiler shed (ATPML): 4500 sft, 11) Single story generator building (ATPML): 1100 sft.
Number of Occupants:	Total number of occupants: 11824. 1) ASKML building: 2004. 2) Single story dying shed: 400, 3) Dying finishing shed-1: 50, 4) Dying finishing shed-2: 25, 5) Raising shed: 40, 6) ASKML knitting shed: 55, 7) Winding shed: 380, 8) Three story dying shed: 140 9) ATPML building: 5120 10) Chemical store building: 183. 11) Apex Lingerie building: 3303, 12) Dying shed (Apex Lingerie): 85, 13) Corporate office building: 10, 14) Childcare & medical building: 12, 15) Fire pump building: 1, 16) Acid shed: 1, 17) Generator shed (Yarn dying): 2, 18) Pump shed (Yarn dying): 1, 19) Boiler shed (Yarn dying): 2, 20) Workers dining (Apex Lingerie): 5, 21) Generator & work shop shed (ATPML): 2, 22) Boiler shed (ATPML): 2, 23) Generator building (ATPML): 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) Corporate office building: 11.28 m or 37 ft [14.18 m or 46.5 ft], 4, 0, 4. 2) Childcare & medical shed: 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 3) Fire pump building: 30 cm or 1 ft [3.05 m or 10 ft], 1, 0, 1. 4) Acid shed: 30 cm or 1 ft [3.05 m or 10 ft], 1, 0, 1. 5) Generator shed (Yarn dying): 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 6) Pump shed (Yarn dying): 30 cm or 1 ft [3.05 m or 10 ft], 1, 0, 1. 7) Boiler shed (Yarn dying): 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 8) Workers dining: 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 9) Generator & work shop shed (ATPML): 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 10) Boiler shed (ATPML): 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1. 11) Generator building (ATPML): 30 cm or 1 ft [4.57 m or 15 ft], 1, 0, 1.
Occupancy Type:	1) Four story ASKML building: [Ground floor: G2 (Embroidery, design), H2 (Cartoon store, fabric store), J2 (Chemical store, salt store), Mezzanine floor: E4 (Conference hall, Prayer room), F1 (Office), G2 (Auto flat section), 1st floor: G2 (Finishing, packing, folding, iron section, spot removing room), H2 (Finishing Jut store), F1 (Office), 2nd floor: G2 (Sewing), H2 (Accessories store), 3rd floor: G2 (Sewing, collar section)], 2) Single story dying shed: G2 (Dying finishing), 3) Single story dying finishing shed-1: G2 (Dying finishing), H2 (Dying store), F1 (Office), 4) Single story dying finishing shed-2: G2 (Dying finishing), H2 (Dying store), F1 (Office), 5) Single story raising shed: G2 (Raising), 6) Single story ASKML knitting shed: H2 (Yarn store), G2 (Knitting), 7) Single story winding shed: G2 (Soft winding, hard winding, nylon winding, batch section, plastic cone production), H2 (Yarn store) and see the description.
Construction Type:	1) Four story ASKML building: Type 1, 2) Single story dying shed: Non-rated, 3) Single story dying finishing shed-1: Non-rated, 4) Single story dying finishing shed-2: Non-rated, 5) Single story raising shed: Non-rated, 6) Single story ASKML knitting shed: Non-rated, 7) Single story winding shed: Non-rated, 8) Three story dying shed: Non-rated, 9) Seven story ATPML building: Type 1, 10) Eight story chemical store building: Type 1, 11) Six story Apex Lingerie building: Type 1, 12) Single story dying shed (Apex Lingerie): Non-rated, 13) Four story corporate office building: Type 1, 14) Single story childcare & medical building: Type 1, 15) Single story fire pump building: Type 1, 16) Single story acid shed: Non-rated and see the description.
Height of Highest Occupied Floor Level Above Grade:	1) Four story ASKML building: 12.80 m or 42 ft, 2) Single story dying shed: 30 cm or 1 ft above grade, 3) Single story dying finishing shed-1: 30 cm or 1 ft above grade, 4) Single story dying finishing shed-2: 30 cm or 1 ft above grade, 5) Single story raising shed: 30 cm or 1 ft above grade, 6) Single story ASKML knitting shed: 30 cm or 1 ft above grade, 7) Single story winding shed: 30 cm or 1 ft above grade, 8) Three story dying shed: 14.94 m or 49 ft, 9) Seven story ATPML building: 28.66 m or 94 ft, 10) Eight story chemical store building: 24.70 m or 81 ft, 11) Six story Apex Lingerie building: 22.56 m or 74 ft, 12) Single story dying shed: 30 cm or 1 ft above grade, 13) Four story corporate office building: 11.28 m or 37 ft, 14) Single story childcare & medical shed: 30 cm or 1 ft above grade, 15) Single story fire pump building: 30 cm or 1 ft above grade, 16) Single story acid shed: 30 cm or 1 ft above grade and see the description.

ASSESSMENT FINDINGS

Fire Protection Construction		
Question:	Certificates of Occupancy for each building have been issued and are on file.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	No occupancy 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.	
Suggested Plan of Action:	Apply to RAJUK for issuance of occupancy certificate and pursue the matter to expedite.	
Suggested Deadline Date:	30 Aug 2014	
Standard:	Are certificates of occupancy provided for each building or ancillary structure?	
Question:	Is the fire resistance materials of structural members in good condition and free of damage?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	The prefab shed and masonry construction with CI sheet roof are non-rated construction. Structural members of the prefab shed seem to be in good condition. The RCC buildings were also good in condition.	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	BNBC Part 3 Chapter 3	
Question:	Are openings and penetrations through rated walls and/or assemblies protected?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	The walls between store and cutting section of 4th floor of ATPML building contains high glass window. The same type of window is also present on the 3rd floor which contains wire mesh. Doors of finished goods store and bonded warehouse on 1st floor, finished goods store on 2nd floor, Carton store on 6th floor of seven story ATPML building is not fire rated. Also doors of cartoon store and fabric store on ground floor of four story ASKML building, store at single story dying finishing	

	shed-2, yarn store at single story ASKML knitting shed, yarn store of Single story winding shed, store on ground of six story Apex Lingerie building is not fire rated. The walls of stair-1 (south-middle) of ATPML buildings contain cooling systems in the rated walls. The walls of chemical store and dying area of single story dying finishing shed-1 contains exhaust fans. Such unprotected openings are not permitted.	
Source of Findings:	Photograph: The noted openings were found unprotected.	
Suggested Plan of Action:	Install fire rated doors and windows or fill in unprotected openings with fire resistive rated assemblies.	
Suggested Deadline Date:	11 Oct 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:		
Description:	From physical measurement slab thickness was found 6.75 inches for four story ASKML building and seven story ATPML building, 7 inches for eight story chemical store building, six story Apex Lingerie building and four story corporate office building. According to Alliance Standard, the slab for a type 1 building needs to have a 3 hour fire rating, and the fire rating of 6 inch and 8 inch RC slabs are 2.5 hours and 3.75 hours, respectively. The slab is considered to have the required fire rating to separate the floors. However, there was one non-rated three story dyeing shed.	
Source of Findings:	Visual Assessment: No openings between floors are found and slab thickness of the buildings are satisfactory.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Are separations between hazards provided with fire-resistive rated construction barriers.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	The spot removing room on 5th floor of ATPML building is separated by glass partition from sewing section. The finished good warehouse on 2nd floor of ATPML building is not separated by fire resistant barrier from stair case. The partition of chemical stores in the 3 story dying shed is made of particle board. The finished goods store at mezzanine floor of six story Apex lingerie building is not provided with proper fire resistant construction barrier.	
Source of Findings:	Photograph: Occupancy separations were not found fire separated.	
Suggested Plan of Action:	Provide fire-resistant rated construction barriers between hazard types following Table 4.4.1 of Alliance Standard or Table 4.1.1 from BNBC Part 4. Consult a qualified fire protection engineer to design the required rated construction barrier.	
Suggested	03 Jan 2015	

Deadline Date:		
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:	None of the stairs of any building are fire rated. No fire rated doors are provided at any exits leading to exit enclosure of any building. The walls of the exit enclosures are not also fire rated as required.	
Source of Findings:	Photograph: Exit enclosure is not provided with fire resistive rated barrier.	
Suggested Plan of Action:	Provide 2 hr fire-resistive rated construction barriers at exit enclosures of Four story ASKML building, Seven story ATPML building, Eight story chemical store building, Six story Apex Lingerie building, Four story corporate office building & 1 hr fire-resistive rated construction barriers at exit enclosures of 3 story dying shed. Also fit side-swinging, self-closing, non-lockable fire doors of 1.5 hr rating in Four story ASKML building, Seven story ATPML building, Eight story chemical store building, Six story Apex Lingerie building, Four story corporate office building & 1 hr rating in 3 story dying shed at exit enclosures that swing in the direction of egress. Consult a qualified fire protection engineer to design the required rated construction barriers.	
Suggested Deadline Date:	11 Oct 2014	
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Are shafts provided with the minimum fire-resistance rating?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	There are cargo lifts in the seven story ATPML building, eight story chemical building, six story Apex lingerie building and four story ASKML building. All cargo lifts are not provided with fire resistive rated barriers.	
Source of Findings:	Photograph: The cargo lifts without fire separation barriers were observed at all main buildings in the factory premises.	
Suggested Plan of Action:	Provide a shaft enclosure of required rating by constructing the enclosure with rated material of required thickness. Protect the openings of shaft enclosures by providing rated opening protectives.	
Suggested Deadline Date:	11 Oct 2014	
Standard:	Reference Alliance Standards Part 4 Section 4.5.7.1 through 4.5.7.3	
Question:	Fire dampers installed on air-conditioning and ventilation ducts appear to be in good condition and operational.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Ducted air conditioning is available at seven story ATPML building but the duct is not provided with fire damper.	

Source of Findings:	Visual Assessment: Ducted air conditioning is found at seven story ATPML building.	
Suggested Plan of Action:	Install fire dampers at the noted locations to separate the floors.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Reference Alliance Standards Part 4 Section 4.6 Opening Protectives and Section 4.7 Penetrations	
Question:	If the building contains a vertical opening known as an atrium, have provisions been made to comply with Alliance Standard 3.7?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	There is no atrium present in any buildings of the factory premises.	
Source of Findings:	Visual Assessment: No atrium was found at the time of visual assessment.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference Alliance Standards Section 3.7 Atrium	
Fire Protection Systems		
Question:	Is the building protected by an automatic sprinkler system?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	An automatic sprinkler system is required in the seven story ATPML building and eight story chemical store building as the highest occupied floor level for both buildings are 28.66 m and 24.70 m, respectively, which is more than 23 m. There is an automatic sprinkler system installed on some floors of chemical store building and six story Apex lingerie building but no hydraulic design was available for the existing system.	
Source of Findings:	Photograph: No automatic sprinkler was found installed at required locations.	
Suggested Plan of Action:	Install an automatic sprinkler system in seven story ATPML building and eight story chemical story building designed by a qualified fire protection engineer. The hydraulic design of the sprinkler system has to be 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.	
Suggested Deadline Date:	25 Mar 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:	Design criteria of sprinkler system?
Priority Level:	
Non-Compliance Level:	2
Description:	There is an automatic sprinkler system installed on some floors of chemical store building and six story Apex lingerie building. There is no hydraulic design complying NFPA 13 for the installed sprinkler system.
Source of Findings:	Document Review: No hydraulic design available for the installed sprinkler system.
Suggested Plan of Action:	
Suggested Deadline Date:	25 Mar 2015
Standard:	Provide the criteria used in the design of the sprinkler system.
Question:	Commodity Class used for the design of the sprinkler system?
Priority Level:	
Non-Compliance Level:	2
Description:	There is an automatic sprinkler system installed on some floors of chemical store building and six story Apex lingerie building. There is no hydraulic design complying NFPA 13 for the installed sprinkler system.
Source of Findings:	Document Review: No hydraulic design complying NFPA 13 for the installed sprinkler system was found.
Suggested Plan of Action:	
Suggested Deadline Date:	25 Mar 2015
Standard:	Reference NFPA 13 Chapter 5
Question:	Occupancy Classification used for the design of the sprinkler system?
Priority Level:	
Non-Compliance Level:	2
Description:	There is an automatic sprinkler system installed on some floors of chemical store building and six story Apex lingerie building. There is no hydraulic design complying NFPA 13 for the installed sprinkler system.
Source of Findings:	Visual Assessment: No hydraulic design complying NFPA 13 for the installed sprinkler system was found.
Suggested Plan of Action:	

Suggested Deadline Date:	25 Mar 2015	
Standard:	Reference NFPA 13 Chapter 5	
Question:	Are inspection, maintenance, and testing procedures of the sprinkler system documented and up to date?	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Automatic sprinkler is available on some floors of chemical store building and six story Apex lingerie building but inspection, maintenance and testing procedures of the sprinkler system as per NFPA 25 chapter 5 Table 5.1.1.2 is not documented and up to date.	
Source of Findings:	Document Review: No document regarding inspection, maintenance and testing procedure of the sprinkler system was found during audit.	
Suggested Plan of Action:	Establish an inspection, maintenance, and testing program following the requirements of NFPA 25.	
Suggested Deadline Date:	25 Mar 2015	
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:	2	
Description:	Automatic sprinkler system is available on some floors of chemical store building and six story Apex lingerie building but identification signs for the sprinkler system are not installed at the required locations as per NFPA 13.	
Source of Findings:	Visual Assessment: No identification sign was found for the installed sprinkler system as per NFPA 13.	
Suggested Plan of Action:	Install identification signage at the required locations. The five basic types of identification signs are as follows: Type A- Control Valve Sign, Type B- Multi-Purpose Text Signs, Type D- Fire Alarm Sign, Type E- Hydraulic Calculation Sign. Reference NFPA 13 for signage requirements.	
Suggested Deadline Date:	25 Mar 2015	
Standard:	Reference NFPA 13	
Question:	Sprinkler system piping is free of mechanical damage, leakage, and corrosion.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Automatic sprinkler system is available on some floors of chemical store building and six story Apex lingerie building but no damage, leakage or corrosion was found in the existing system.	

Source of Findings:	Visual Assessment: No damage, leakage or corrosion was found in the installed sprinkler system.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	NFPA 25 Chapter 5 Section 5.2.2 Pipe and Fittings	
Question:	Sprinkler system piping is not subjected to external loads by materials either resting on the pipe or hung from the pipe?	
Priority Level:	Low	
Non-Compliance Level:		
Description:	Automatic sprinkler system is available on some floors of chemical store building and six story Apex lingerie building. Sprinkler system piping is not subjected to external loads by materials.	
Source of Findings:	Visual Assessment: No external load was imposed on sprinkler system piping.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 25 Chapter 5 Section 5.2.2.2	
Question:	Are hangers, bracing, and restraints properly installed and supporting the system piping?	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Automatic sprinkler system is available on some floors of chemical store building and six story Apex lingerie building. No approved hydraulic calculation is available for the installed system. Visually it seems that hangers and restraints supporting sprinkler system are sufficient.	
Source of Findings:	Document Review: Hydraulic design complying with NFPA 13 for the existing sprinkler system was not available.	
Suggested Plan of Action:	Ensure all hangers, bracing and restraints are properly installed and support the system piping at the noted locations following NFPA 13 Chapter 9.	
Suggested Deadline Date:	25 Mar 2015	
Standard:	Reference NFPA 13 Chapter 9 Hanging, Bracing, and Restraint of System Piping.	
Question:	Sprinklers do not show signs of leakage, are free of corrosion, have not been painted, and are not physically damaged.	
Priority Level:	Medium	

Non-Compliance Level:		
Description:	Automatic sprinkler system is available on some floors of chemical store building and six story Apex lingerie building. Sprinklers are free of leakage, corrosion and not physically damaged.	
Source of Findings:	Visual Assessment: Sprinklers were found free of leakage and corrosion.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 25 Chapter 5	
Question:	All valves controlling the automatic sprinkler systems are electrically supervised by a listed fire alarm system control unit.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Automatic sprinkler system is available on some floors of chemical store building and six story Apex lingerie building. Valves controlling the automatic sprinkler systems are not electrically supervised.	
Source of Findings:	Visual Assessment: Valves controlling the automatic sprinkler systems are not electrically supervised.	
Suggested Plan of Action:	Provide electrically supervised devices on the valves controlling the automatic sprinkler systems. Devices are to be supervised by a listed fire alarm system control unit. Modify existing fire alarm and detection system to provide supervision of required valves.	
Suggested Deadline Date:	25 Mar 2015	
Standard:	Reference Alliance Standard Part 5 Section 5.3.5 Supervision and Alarms.	
Question:	Does the automatic sprinkler system have an approved audible device activated by waterflow equal to the flow of one sprinkler?	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Automatic sprinkler is available on some floors of chemical store building and six story Apex lingerie building. No such audible device was found for the existing sprinkler system.	
Source of Findings:	Visual Assessment: No approved audible device was found in the existing sprinkler system.	
Suggested Plan of Action:	Install an approved audible device connected to the automatic sprinkler system and activated by water flow equal to the flow of one sprinkler. The waterflow switch for the sprinkler system shall be monitored by the fire alarm system. Activation of the waterflow shall activate the fire alarm notification appliances.	
Suggested Deadline Date:	25 Mar 2015	

Standard:	Reference Alliance Standards Part 5 Section 5.3.5.2 Alarms.	
Question:	Are sprinklers spaced and installed at the required heights in order to provided required coverage and protection?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Automatic sprinkler is available on some floors of chemical store building and six story Apex lingerie building. But there is no hydraulic design available for the existing sprinkler system to verify the spacing.	
Source of Findings:	Document Review: No hydraulic design available for the existing sprinkler system to verify the spacing.	
Suggested Plan of Action:	Sprinklers shall be spaced and installed following the requirements of NFPA 13.	
Suggested Deadline Date:	25 Mar 2015	
Standard:	Reference NFPA 13	
Question:	Are storage racks and shelves compliant based on class of commodity storage?	
Priority Level:	High	
Non-Compliance Level:		
Description:	Automatic sprinkler is available on some floors of chemical store building and six story Apex lingerie building. The NFPA 13 compliant hydraulic design was not found to verify the compliance of storage racks and shelves based on class of commodity storage.	
Source of Findings:	Visual Assessment: NFPA 13 compliant hydraulic design was not available.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Reference NFPA 13 Chapter 13, 14, 15, 16, or 17	
Question:	Aisles in storage areas are free of storage based on design criteria used for the sprinkler system.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Automatic sprinkler is available on some floors of chemical store building and six story Apex lingerie building, Aisles are free from any type of storage, But there is no hydraulic design available for the existing sprinkler system.	
Source of Findings:	Visual Assessment: No hydraulic design available for the existing sprinkler system and no storage found on aisles.	

Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 5 Section 5.3.6.3	
Question:	All storage is maintained with a 460 mm (18 in.) minimum clearance from the top of storage to the sprinkler deflector.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Automatic sprinkler is available on some floors of chemical store building and six story Apex lingerie building. Storage is not maintained with a 460 mm (18 in.) minimum clearance from the top of storage to the sprinkler deflector.	
Source of Findings:	Visual Assessment: Storage is not maintained with a 460 mm (18 in.) minimum clearance from the top of storage to the sprinkler deflector.	
Suggested Plan of Action:	All storage shall be maintained with a 460 mm (18 in.) minimum clearance from the top of storage to the sprinkler deflector.	
Suggested Deadline Date:	25 Mar 2015	
Standard:	Reference Alliance Standards Part 5 Section 5.3.6.1 Storage Clearance	
Question:	Does the building have a Standpipe System?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	The height of the highest occupied floor of the main four story ASKML building is 12.80 m or 42 ft, three story dying shed is 14.94 m or 49 ft, seven story ATPML building is 28.66 m or 94 ft, eight story chemical store building is 24.70 m or 81 ft, six story Apex Lingerie building is 22.56 m or 74 ft, four story corporate office building is 11.28 m or 37 ft. Hence, class III system is required in non sprinklered buildings and a class I system is required in the sprinklered buildings as per NFPA 14. Only a class II (40 mm) standpipe system is installed in these buildings on floors and on some stair landings. Also, class II standpipe installation is ongoing on some floors. No class I standpipe system is installed in stairwells of these buildings. A centralized standpipe system installation is ongoing but no hydraulic design was found. At roof, the hose pressure was observed at less than 4.5 bars.	
Source of Findings:	Visual Assessment: A class-II standpipe system was available but there was no hydraulic design found.	
Suggested Plan of Action:	Install a standpipe system at required locations designed by a qualified fire protection engineer. The system should be compliant with the requirements of NFPA 14. All standpipe system installations shall be submitted for review by the Alliance for review prior to commencement of installation according to 5.4.3.2.	
Suggested Deadline Date:	08 Oct 2014	
Standard:	Does the building have a standpipe system installed where required. Alliance Standard Part 5 Section 5.4.2	
Question:	Are inspection, maintenance, and testing procedures of the standpipe and hose system documented and up to date? Including inspection and testing of hoses if provided.	

Priority Level:	Low
Non-Compliance Level:	1
Description:	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 relevant document was observed diring the time of document review.
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:	31 Aug 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:	Signage for the available class II standpipe system is not installed.
Source of Findings:	Visual Assessment: No such signage for standpipe component was observed.
Suggested Plan of Action:	Install required identification signs at the noted locations. The signage must comply with NFPA 14 Chapter 6.
Suggested Deadline Date:	03 Jun 2015
Standard:	Reference NFPA 14 Chapter 6
Question:	Standpipe system piping is free of mechanical damage, leakage, and corrosion?
Priority Level:	Medium
Non-Compliance Level:	
Description:	Damage, leakage or corrosion was not found in the installed class II standpipe system piping.
Source of Findings:	Visual Assessment: Mechanical damage, leakage and corrosion were not found in the available standpipe system.
Suggested Plan of Action:	
Suggested Deadline Date:	

Standard:	NFPA 25 Chapter 6 Standpipe and Hose Systems	
Question:	Are fire department connections provided and clearly identified for the Fire Protection Systems?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Siamese connection is provided at AYDL building. Pillar hydrants are provided in buildings for fire department as required.	
Source of Findings:	Photograph: Fire department inlet and outlet connection was provided.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 5 Section 5.5.4 Fire Department Connections	
Question:	Does the building have a fire pump?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Fire pump set is available with backup power, however it does not comply with the requirements of Alliance Standards and NFPA 20. Hydraulic calculation for required standpipe and sprinkler systems are not available. Therefore, required capacity of fire pump is not known. Suction lift is used whereas suction head is required as per NFPA 20. Additionally, detailed design of pump components and layout as per NFPA 20 are not found.	
Source of Findings:	Photograph: Fire pump is available in the factory premises but not in accordance with NFPA 20.	
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 14, 20, 22 and 25 standards. If current pump does not meet NFPA 20 standard then replace with a new fire pump that meets the standard.	
Suggested Deadline Date:	11 Oct 2014	
Standard:	Alliance Standard Part 5 Fire Protection Systems	
Question:	Are inspection, maintenance, and testing procedures of the fire pump documented and up to date?	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Inspection, maintenance, and testing procedures of the fire pump are not documented and up to date.	
Source of Findings:	Document Review: No document regarding inspection, maintenance and testing procedure of fire pump was found among the documents shown by the factory personnel.	
Suggested Plan of	Establish an inspection, maintenance, and testing program for the fire pump. Program must comply with NFPA 25.	

Action:		
Suggested Deadline Date:	03 Jan 2015	
Standard:	Reference NFPA 25 Chapter 8 Fire Pumps	
Question:	Are portable fire extinguishers installed throughout the building at required locations and mounted at the correct height?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Portable fire extinguishers are installed throughout the building at required locations and mounted height is 4'-10" from floor to fire extinguisher top.	
Source of Findings:	Photograph: Spacing and height of portable extinguishers are measured on sample basis.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	BNBC Part 4 Section 4.10 and NFPA 10	
Question:	Portable fire extinguishers have been selected based on potential fire class and hazards?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Foam, Carbon dioxide and Dry chemical extinguishers are installed throughout the buildings based on fire class and hazard.	
Source of Findings:	Photograph: Fire extinguishers are installed throughout the buildings based on fire class and hazard.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	NFPA 10 Chapter 5	
Question:	Fire extinguishers are inspected, tested, and maintained as required.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Fire extinguishers are inspected, tested and maintained every month at regular intervals but not in accordance with NFPA 10 Chapter 7.	

Source of Findings:	Document Review: No document regarding inspection, maintenance and testing procedure of fire extinguisher was found in the documents shown by the factory personnel.	
Suggested Plan of Action:	Fire extinguishers are to be inspected, tested, and maintained in accordance with NFPA 10 Chapter 7.	
Suggested Deadline Date:	03 Jan 2015	
Standard:	NFPA 10 Chapter 7	
Question:	Are there any other fire suppression systems installed within the building?	
Priority Level:		
Non-Compliance Level:		
Description:	No other fire suppression is installed in any of the buildings in the factory premises.	
Source of Findings:		
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:		
Question:	Is the fire alarm and detection system monitored by a central station monitoring service or directly connected to the Fire Service and Civil Defense?	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Detection system is monitored centrally from security station but not connected to fire service and civil defense.	
Source of Findings:	Photograph: No central station for monitoring service is available.	
Suggested Plan of Action:	Arrange for direct connection of the fire alarm system to a central monitoring station or Fire Service and Civil Defense as per Alliance Standard Part 5 Section 5.7.5 Monitoring. Until that time that monitoring can be set up, arrange a monitoring system using own central detection system and personnel. 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:	16 Aug 2014	
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring	

Question:	Trouble or alarm notifications were not indicated on the fire alarm control panel.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Option for trouble or alarm notification is available on control panel. But no signal for trouble was found during site visit.	
Source of Findings:	Photograph: No signal for trouble was found on control panel.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 13 Section 13.10 Maintenance of Fire Protection Equipment	
Question:	Are notification and initiation devices for the fire alarm system installed at required locations based on occupancy type?	
Priority Level:	High	
Non-Compliance Level:		
Description:	Notification and initiation devices for the fire alarm system are installed at required locations based on occupancy type i.e. Pull stations, smoke detectors, visual and audible devices are placed where required.	
Source of Findings:	Photograph: Notification and initiation devices for the fire alarm system are installed at required locations.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Pull stations at egress points, smoke detectors in air handling equipment, visual and audible devices spaced appropriately based on occupancy type. Reference NFPA 72	
Means of Egress		
Question:	Occupant loads on each level (floor) do not exceed the capacity of the available means of egress.	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	1) At Four story ASKML building maximum occupant was 730 on 2nd floor. On that floor total required width of Aisles is 730x0.005 = 3.65m, Exit is 730x0.004 = 2.92m, Stair is 730x0.008 = 5.84m. Total available width of Aisles is 12.74m, Exit is 5.35m, Stair (4 nos) is 5.96m. So occupant loads on each level (floor) do not exceed the capacity of the available means of egress. Also area per person computed on 2nd floor is 29.34 sft which is sufficient as per Alliance standard. 2) At Three story dying shed maximum occupant was 40 on 1st floor. On that floor total required width of Aisles is 40x0.005 = 0.2m, Exit is 40x0.004 = 0.16m, Stair is 40x0.008 = 0.32m. Total available width of Aisles is 2.1m, Exit is 1.8 m, Stair (2 nos) is 2.0 m. So occupant loads on each level (floor) do not exceed the capacity of the available means of egress. Also area per person computed on 1st floor is 81.86 sft which is sufficient as per Alliance standard. 3) At Seven story ATPML building	

	maximum occupant was 1115 on 5th floor. On that floor total required width of Aisles is 1115x0.005 = 5.57m, Exit is 1115x0.004 = 4.46m, Stair is 1115x0.008 = 8.92m. Total available width of Aisles is 23.43m, Exit is 8.55 m, Stair (5 nos) is 8.87 m. So occupant loads on each level (floor) exceed the capacity of the available means of egress. Also area per person computed on 5th floor is 68.78 sft which is sufficient as per Alliance standard. 4) At Eight story chemical store building maximum occupant was 93 on 6th floor. On that floor total required width of Aisles is 93x0.005 = 0.47m, Exit is 93x0.004 = 0.37m, Stair is 93x0.008 = 0.74m. Total available width of Aisles is 3.6m, Exit is 2.25 m, Stair (2 nos) is 2.52 m. So occupant loads on each level (floor) do not exceed the capacity of the available means of egress. Also area per person computed on 6th floor is 69.30 sft which is sufficient as per Alliance standard. 5) At Six story Apex Lingerie building maximum occupant was 725 on 4th floor. On that floor total required width of Aisles is 725x0.005 = 3.63m, Exit is 725x0.004 = 2.9m, Stair is 725x0.008 = 5.8m. Total available width of Aisles is 15.34m, Exit is 4.97 m, Stair (3 nos) is 4.46 m. So occupant loads on each level (floor) exceed the capacity of the available means of egress. Also area per person computed on 4th floor is 43.83 sft which is sufficient as per Alliance standard. 6) At Four story corporate office building maximum occupant was 5 on 3rd floor. On that floor total required width of Aisles is 5x0.005 = 0.025m, Exit is 5x0.004 = 0.02m, Stair is 5x0.008 = 0.04m. Total available width of Aisles is 1.0 m, Exit is 5.35 m, Stair (2 nos) is 2.44 m, So occupant loads on each level (floor) do not exceed the capacity of the available means of egress. Also area per person computed on 3rd floor is 672 sft which is sufficient as per Alliance standard.	
Source of Findings:	Visual Assessment: Number of occupants was counted on sample basis and obtained from register. Widths of exit doors and stairs of the concerned floor were measured.	
Suggested Plan of Action:	At Seven story ATPML building reduce 7 occupant at 5th floor and Six story Apex Lingerie building reduce 168 occupant at 4th floor to satisfy existing stair width. Or, provide additional stair to meet the requirement of total stair width. Otherwise, provide sprinkler system throughout the building so that required stair width per person becomes 5 mm.	
Suggested Deadline Date:	03 Jan 2015	
Standard:	Alliance Standard Part 6 Section 6.4 Occupant Load	
Question:	Occupied roofs are provided with the minimum number of exits required as a story.	
Priority Level:	High	
Non-Compliance Level:		
Description:	There are twenty three buildings in the factory premises out of which twelve are main production building and eleven are ancillary building. Roofs of these buildings are unoccupied. At Seven story ATPML building area of 5th floor roof is 76700 sft and area of 6th floor is 21650 sft. So the 5th floor roof can be considered as occupied roof and three exits are provided.	
Source of Findings:	Visual Assessment: Occupied roof (5th floor roof) is provided with 3 exits.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.6 Number of Means of Egress	
Question:	All occupied roofs are provided with parapets or guards with a minimum height of 1067 mm (42 in.).	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Parapet height is found to be 29 inches in the four story ASKML building but the roof is unoccupied. At Seven story ATPML building area of 5th floor roof is 76700 sft and area of 6th floor is 21650 sft. So the 5th floor roof can be considered as occupied roof. Remaining open area at 5th floor roof is accessible and parapet is required. Provided parapet height was less than 42 in. Roof of the other buildings are unoccupied.	

Source of Findings:	Visual Assessment: Parapet height of Seven story ATPML building was found less than 42 in.	
Suggested Plan of Action:	Provided parapets or guards for all occupied roofs of a minimum height of 1067 mm (42 in).	
Suggested Deadline Date:	03 Jan 2015	
Standard:	Alliance Standard Part 6 Section 12 Handrails and Guards	
Question:	Occupant loads are posted for every assembly and production floor in a conspicuous space near the main point of egress.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Occupant loads are not posted in any assembly and production floor.	
Source of Findings:	Visual Assessment: Occupant loads are not posted in any assembly.	
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:	16 Aug 2014	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
Question:	Aisles are provided with the minimum unobstructed clear width of 0.9 m (36 in) based on occupant loads.	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Aisle width at the 4th floor of the seven story ATPML building was found to be 24 inches and at 2nd floor of the four story ASKML building aisles widths are obstructed by wash basin and water filter. At other buildings minimum aisles width found sufficient.	
Source of Findings:	Photograph: At ATPML aisle width was found 24 inches and at ASKML obstructed aisles width was found.	
Suggested Plan of Action:	Remove existing aisle marking and draw new marking fulfilling the minimum aisle width requirement of 0.9m (36in). Relocate the machines accordingly if necessary.	
Suggested Deadline Date:	11 Oct 2014	
Standard:	Higher occupancy loads will require a greater width to accommodate the increased load. Alliance Standard Part 6 Section 6.5 Egress Width	

Question:	The path of egress along the means of egress is not reduced at any point along the path of travel and is sufficient for the occupant load.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Aisle, exit door and stair widths comply the requirements of Alliance Standard Part 6 Section 6.5.4 or BNBC Part 4 Table 4.3.2.	
Source of Findings:	Photograph: Widths of aisles, exit doors and stairs are measured on sample basis.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.5 Egress Width and BNBC Table 4.3.2	
Question:	Means of egress have a minimum ceiling height of 2.3 m (7 ft 6 in.) with projections from the ceiling not less than 2.03 m (6 ft 8 in.).	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Means of egress have a minimum ceiling height of 2.4 m (7 ft 6 in) with projections from the ceiling not less than 2.15 m (7'-0"), which complies the alliance standard.	
Source of Findings:	Visual Assessment: Ceiling height with projection measured on sample basis and no height found less than 2.03 m.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.3 Headroom	
Question:	Exit discharge is directly to the exterior of the building, unless the requirements of 6.17.2 are met, at grade or provides direct access to grade. Exit discharge shall not reenter a building.	 
Priority Level:	High	
Non-Compliance Level:	2	
Description:	One stair in four story ASKML building and one stair in seven story ATPML building are open to production floor, not to the exterior. Exit discharge of other buildings are directly to the exterior of the building.	
Source of Findings:	Photograph: One exit discharge each in the ASKML and ATPML buildings do not meet the exterior of the building.	
Suggested	Provide rated exit passageway i.e. protected path of egress from the exit enclosure to the public way. The rating of the exit	

Plan of Action:	passageway is to be equal to fire rating requirement of the exit that is being served and shall not be less than 1 hr fire-resistance rated.	
Suggested Deadline Date:	11 Oct 2014	
Standard:	Alliance Standard Part 6 Section 6.17 Exit Discharge. See Section 16.7.2 and 16.7.3 for exceptions.	
Question:	Travel distance to reach an exit does not exceed the maximum distance allowed by Occupancy Type.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Maximum travel distance to reach an exit is 43 m. Automatic fire detection system, portable fire extinguisher are provided and standpipe system are not provided in accordance with Alliance Standard. Yet, travel distance does not exceed the allowable limit 45 m set by Alliance Standard Part 6 Section 13 and BNBC Part 4 Section 3.15.1.	
Source of Findings:	Visual Assessment: Travel distances are measured on sample basis.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 13 Travel Distance and BNBC Part 4 Section 3.15.1	
Question:	Exit access corridors serving an occupant load exceeding 30 are separated by walls having a fire-resistance rating of 1 hr.	
Priority Level:	High	
Non-Compliance Level:		
Description:	No such corridor is available in the buildings.	
Source of Findings:	Visual Assessment: There is no such exit access corridor available in the buildings.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3 and Part 4 Section 4.5. Does not apply if an automatic sprinkler system is installed throughout the building.	
Question:	Interior finishes for means of egress meet the rating requirements for Class A, B and C materials.	
Priority Level:	Medium	
Non-Compliance Level:		

Description:	The interior finish of the means of egress is of plaster and non-combustible paint.	
Source of Findings:	Visual Assessment: During site tour, interior finishes for means of egress were observed.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.2 Interior Finish	
Question:	Exits are limited to Class A and Class B interior materials.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Exits are made of brick walls.	
Source of Findings:	Visual Assessment: During site tour, interior materials of exits were observed.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.2 Interior Finish	
Question:	The number of means of egress from any floor or story is not less than 2 except where a single exit is permitted or where a greater number is required.	
Priority Level:	High	
Non-Compliance Level:		
Description:	At Four story ASKML building available means of egress is four. At Seven story ATPML building available means of egress is five. At Six story Apex Lingerie building available means of egress is three. Also in other buildings number of means of egress is not less than two.	
Source of Findings:	Visual Assessment: In all buildings number of means of egresses are not less than required.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.6 Number of Means of Egress	
Question:	The number of means of egress from any floor or story is not less than 3 when the occupant load exceeds 500 per story and not less than 4 when the occupant load exceeds 1000 per story.	

Priority Level:	High	
Non-Compliance Level:		
Description:	At Four story ASKML building highest occupant load is 730 and available means of egress is four. At Seven story ATPML building highest occupant load is 1115 and available means of egress is five. At Six story Apex Lingerie building highest occupant load is 725 and available means of egress is three. In other buildings number of means of egress is not less than that required.	
Source of Findings:	Visual Assessment: During site tour, number of emergency exit doors were counted and occupant load was checked.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.6 Number of Means of Egress	
Question:	All paths of egress are provided with compliant means of illumination.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	All paths of egress are provided with compliant means of illumination. All emergency lights are industrial grade.	
Source of Findings:	Photograph: Paths of egress are available with compliant means of illumination.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.7 Egress Illumination and Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape	
Question:	Means of egress are free from impediments, obstructions, and stored materials.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Aisles, exit access corridors, staircases are not blocked at any location.	
Source of Findings:	Photograph: Aisles, corridors, exit doors and stairways are free from any sort of obstacles.	
Suggested Plan of Action:		
Suggested		

Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.8 Impediments to means of egress and Section 6.3.9 Reliability	
Question:	Emergency power for means of egress illumination is verified at least once per year. If battery operated lights are used, these lights are tested on a monthly basis. Functional testing of battery powered lights is provided for a minimum 90 min once per year.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Documentation of periodical testing of emergency power for means of egress were found. However, those documents were not in compliance with Section 10.12.2.3.	
Source of Findings:	Document Review: Relevant documents are not in compliance with Alliance Standard.	
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the operation of all exit signs is verified at least once per year. If battery-operated signs are used, these lights shall be tested on a monthly basis. Functional testing of battery powered signs shall be provided for a minimum 90 minutes once per year.	
Suggested Deadline Date:	16 Aug 2014	
Standard:	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting	
Question:	Doors are not locked in the direction of egress under any conditions. All hasps, locks, slide bolts, and other locking devices have been removed where required.	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	There are collapsible gates and steel sliding doors with locking arrangements at each egress location.	
Source of Findings:	Photograph: Locking devices were found on exit doors.	
Suggested Plan of Action:	Install non-lockable side hinged outward swinging type fire-rated emergency exit doors in all buildings. Remove all hasps, locks, slide bolts, and other locking devices.	
Suggested Deadline Date:	02 Aug 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:	Door widths are more than 0.8 m. Some are collapsible, sliding steel and swinging steel doors. No fire rated door is installed. Fire doors of proper rating are required in accordance with section 6.3.1.2.2 and 4.6.	

Source of Findings:	Photograph: Door widths are found more than 0.8 m but no door is fire rated.	
Suggested Plan of Action:		
Suggested Deadline Date:	11 Oct 2014	
Standard:	Alliance Standard Part 6 Section 6.5.6 Minimum Widths. Increased occupant loads will require a door width greater than 0.8 m.	
Question:	All doors in a means of egress are of the side-hinged swinging type.	 
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Some of the doors in the means of egress are collapsible and sliding types.	
Source of Findings:	Photograph: Collapsible, swing and sliding steel doors are found in all buildings.	
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.	
Suggested Deadline Date:	11 Oct 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	Illuminated exit signs are placed at entrances to exits and along the path of egress anywhere the continuation of egress is not obvious or there is a change in the direction of the path of travel.	
Priority Level:	Medium	
Non-Compliance Level:	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:	Photograph: Illuminated exit signs are placed at entrances to exits, but are not placed along the path of egress.	
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:	03 Jan 2015	
Standard:	Alliance Standard Part 6 Section 6.11 Exit Signs	

Question:	Changes in elevation of walking surfaces do not exceed 6.35 mm (1/4 in) unless provided with a beveled slope of 1 in 2 that does not exceed 12.7 mm (1/2 in).	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Change in elevation of walking surface is 3 inch at 5th floor east exit of ATPML building, which is not allowed as per Standards.	
Source of Findings:	Visual Assessment: Change in elevation found greater than 1/2 inch in 5th floor of ATPML building.	
Suggested Plan of Action:	Repave the walking surface to make the slope of the surface 1 in 2 and keep change in elevation less than 1/2 inch.	
Suggested Deadline Date:	03 Jan 2015	
Standard:	Alliance Standard Part 6 Section 6.3.4 Walking Surfaces	
Question:	Illuminated exit signs are provided with battery backup or emergency power and are continuously illuminated.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Exit signs are provided with battery backup and are continuously illuminated.	
Source of Findings:	Visual Assessment: Exit signs are provided with battery backup.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.11 Exit Signs and Part 10 Section 10.12 Illumination of Exit Signs and Means of Escape	
Question:	Emergency power for exit signs is tested at least once per year. If battery operated, these lights are tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 min once per year.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	No plan or record of conducting periodic test for 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	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	

Action:	are used, these signs are to be tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 min once per year.	
Suggested Deadline Date:	16 Aug 2014	
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	
Question:	Exit signs have appropriate illumination levels and contrasting graphics.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Exit signs not have appropriate illumination levels and contrasting graphics in accordance with Alliance Standard, Part-10, Section-10.12.	
Source of Findings:	Photograph: Exit signs not have appropriate illumination levels and contrasting graphics.	
Suggested Plan of Action:	Make sure all required exit signs are illuminated continuously at all times. Exit signs may be illuminated either by lamps external to the sign or by lamps contained within the sign. The source of illumination shall provide not less than 50 lux at the illuminated surface with a contrast of not less than 0.5. Approved self-luminous signs which provide evenly illuminated letters having a minimum luminance of 0.2cd/m2 may also be used.	
Suggested Deadline Date:	03 Jan 2015	
Standard:	Alliance Standard Part 10 Section 10.12.1 Exit Signs	
Question:	Walking surfaces along the path of egress are uniformly slip resistant.	 
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Walking surfaces along the path of egress are made of tiles and mosaic which are uniformly slip resistant.	
Source of Findings:	Photograph: Walking surface were made of non-slippery tiles.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.3.6 Slip Resistance	
Question:	Stairs are constructed of noncombustible materials.	
Priority Level:	Low	
Non-Compliance Level:		

Description:	All the stairs of all buildings are constructed of noncombustible materials. The internal stair of mezzanine floor of the main building, the external stairs of Apex Lingerie building, Apex Textile building, Apex Spinning and Knitting building are steel stair. Remaining stairs are made of RCC.	
Source of Findings:	Photograph: Stairs are constructed of noncombustible materials.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.9 Stairs	
Question:	Stairs have a minimum width of 0.9 m (35 in.).	
Priority Level:	High	
Non-Compliance Level:		
Description:	All the stairs are wider than 0.9 m.	
Source of Findings:	Photograph: Stairs are wider than 0.9 m.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.5 Egress Width. Applies to existing construction.	
Question:	Stair treads are of nominal uniformity.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Stair treads are uniform.	
Source of Findings:	Visual Assessment: Stair treads and risers were of nominal uniformity.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.9 Stairs. Any tread height exceeding more than 50% of the adjacent tread heights or 75 mm (3 in.), whichever is less, shall be modified to be within this tolerance	
Question:	Landings are provided on both sides of doors used along the path of egress. Doors do not swing out over stairs.	
Priority	High	

Level:		
Non-Compliance Level:		
Description:	Landings are provided on both sides of doors used along the path of egress and doors do not swing out over stairs in all buildings.	
Source of Findings:	Visual Assessment: Landings are provided on both sides of doors.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	Landings are provided with the same width in the direction of egress travel as the stair clear width provided at each level and at intermediate landings. Existing landings that are less than the stair width, shall reduce the overall available capacity of the stair.	
Priority Level:	High	
Non-Compliance Level:		
Description:	Landings are provided with the same width in the direction of egress travel as the stair clear width provided at each level and at intermediate landings.	
Source of Findings:	Photograph: Landings are provided with the same width in the direction of egress travel.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.9 Stairs and Section 6.5	
Question:	Handrails are provided on both sides of each stairway. Intermediate handrails are provided when the stair width exceeds 2.2 m (87 in.). Handrails are not mounted lower than 760 mm (30 in.) or higher than 1100 mm (44 in.).	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	None of the stairs have handrails on both sides in each building of factory premises.	
Source of Findings:	Photograph: No handrails are available on both sides of stairs.	
Suggested Plan of Action:	Install handrails on both sides of the stair in accordance with Alliance Standard Sections 6.9.2.4, 6.12.1.1 and 6.12.1.2.	
Suggested	03 Jan 2015	

Deadline Date:		
Standard:	Alliance Standard Part 6 Section 6.9 Stairs and 6.12 Handrails and Guards	
Question:	Every door in a stair enclosure serving more than 5 stories is provided with re-entry unless it meets the requirements of Alliance Standards Part 6 Section 6.8.3.1.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	The main production buildings that are more than five stories are the eight story chemical store building, the seven story ATPML building and the six story Apex Lingerie building. Doors of these buildings are not provided with re-entry. Stair doors with re-entry are required in at least 2 floors.	
Source of Findings:	Visual Assessment: No re-entry doors are provided in the main building.	
Suggested Plan of Action:	Every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets the following requirements. Stair doors may be permitted to be locked from the stair (ingress) side that prevents re-entry to the floor provided at least two floors allowing re-entry to access another exit are provided, there are not more than 4 stories intervening between re-entry floors, re-entry is allowed on the top or next to top level, 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:	11 Oct 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 stairs of Apex Lingerie building, Apex Textile building and Apex Spinning and Knitting building are not fire separated from the adjacent building beyond 10 feet of its span as required.	
Source of Findings:	Photograph: Exterior exit stairs are not separated from the 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 top most landing.	
Suggested Deadline Date:	11 Oct 2014	
Standard:	Alliance Standard Part 6 Section 6.3.1.2. Three stories or less 1-hr rating. Four stories of more 2-hr rating	

Question:	Interior exit stairways and ramps terminate at an exit discharge except where terminating at a rated exit passageway.
Priority Level:	High
Non-Compliance Level:	2
Description:	One stair in four story ASKML building and one stair in seven story ATPML building are open to production floor and discharge through a non-rated exit passageways. Exit discharge of other buildings are directly to the exterior of the building.
Source of Findings:	Photograph: Interior exit stairways terminate at non-rated passageway in different buildings.
Suggested Plan of Action:	Provide a rated exit passageway for four story ASKML building and seven story ATPML building (i.e., a protected path of egress) from the exit enclosure to the public way. The rating of the exit passageway shall be 2 hour (equal to fire rating requirement of the exit that is being served).
Suggested Deadline Date:	11 Oct 2014
Standard:	Alliance Standard Part 6 Section 6.14 Exit Enclosures

Question:	Stair designation signs are provided at each floor entrance from the stair to the floor in English and Bengali. Signs indicate the name of the stair and the floor level. Signs are posted adjacent to the door.
Priority Level:	Low
Non-Compliance Level:	2
Description:	Floor level mentioned but stair designation is not mentioned.
Source of Findings:	Photograph: Improper stair designation signs available all through the buildings.
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:	16 Aug 2014
Standard:	Alliance Standard Part 6 Section 6.9 Stairs

Question:	Stairwells are not utilized as storage spaces.
Priority Level:	High
Non-Compliance Level:	
Description:	Stairwells are free from storage.
Source of Findings:	Photograph: Stairwells were found free of storage and obstructions.
Suggested Plan of Action:	

Suggested Deadline Date:		
Standard:	Alliance Standard Part 13 Section 13.9 Safety Inspections	
Question:	Ramps used in a means of egress do not reduce the overall means of egress width. The minimum width shall be 1.1 m (44 in.).	
Priority Level:	High	
Non-Compliance Level:		
Description:	No such ramp was available.	
Source of Findings:	Visual Assessment: No ramp was noticed.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 6 Section 10 Ramps	
Question:	Ramps do not have a running slope greater than 1 in 8 (12.5 percent) and have handrails on both sides of the ramp.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	No such ramp available.	
Source of Findings:	Visual Assessment: No such ramp was noticed.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standard Part 6 Section 10 Ramps	
Fire Safety Programs		
Question:	A Fire Safety Director position has been filled.	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	No viable documentation or physical presence of Fire Safety Director noted. However, factory authority claims they have a designated person for Fire Safety Director.	

Source of Findings:	Document Review: No viable documentation of Fire Safety Director noted.	
Suggested Plan of Action:	Create a Fire Safety Director position and fill the position with an individual that has had sufficient training to perform the required duties.	
Suggested Deadline Date:	31 Jan 2015	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	An emergency evacuation plan has been developed and communicated to all employees.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Workers are aware of the evacuation procedure upon commencing of the alarm. However, no procedure defining evacuation process was available.	
Source of Findings:	Document Review: Evacuation plan was unavailable.	
Suggested Plan of Action:	Develop an emergency evacuation plan which includes all components required by the Alliance Standards and communicate the plan to all employees.	
Suggested Deadline Date:	16 Aug 2014	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	Emergency egress maps are posted at the entrance to each exit stair or main point of egress.	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	Emergency egress maps are posted at the entrance to each exit stair or main point of egress.	
Source of Findings:	Visual Assessment: Emergency egress maps are posted at the entrance to each exit stair or main point of egress.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.4 Evacuation Plan	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance	2	

Level:		
Description:	Fire Department pre-planning has not been completed yet.	
Source of Findings:	Document Review: No fire department pre-planning documentation was found.	
Suggested Plan of Action:	Complete fire department pre-planning activities with the local Fire Service and Civil Defense in accordance with Alliance Standard, Part-13, Section- 13.1.1(2).	
Suggested Deadline Date:	16 Aug 2014	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	Fire Drills are conducted at required intervals based on building use type.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Fire drills are conducted quarterly in all buildings but not under the direction of a Fire Safety Director.	
Source of Findings:	Document Review: Fire drill was conducted on monthly basis.	
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.	
Suggested Deadline Date:	16 Aug 2014	
Standard:	Alliance Standards Part 13 Section 13.3 Fire Drills	
Question:	Are the required number of people trained and certified in fire fighting, first aid, and rescue training by the appropriate authority.	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Only 1220 people are trained and certified in fire fighting, first aid, and rescue training by the fire service and civil defense. Total occupant was found 11824. So at least 2956 people need to be trained and certified.	
Source of Findings:	Document Review: Certificates of trained people are checked during document review.	
Suggested Plan of Action:	Train and certify at least 2956 people (25 percent of workers) in fire fighting, first aid, and rescue by the proper authority.	
Suggested Deadline Date:	03 Jan 2015	
Standard:	Alliance Standard Part 13 Human Element Programs	
Question:	A written housekeeping policy is established and enforced.	

Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Written housekeeping policy was not found as required.	
Source of Findings:	Document Review: No document regarding housekeeping policy has been found among the documents shown by factory personnel.	
Suggested Plan of Action:	Establish written corporate and plant policies on housekeeping to ensure scheduled cleaning for floor, wall, ceiling, supply and return air ventilation systems. Promptly reschedule skipped cleanings. Provide a documented line of authority for authorizing a cleaning delay and rescheduling. As a general rule the maximum tolerable deposit thickness for loose fluffy lint is 13 mm (½ in.) over a maximum of 46.5 m2 (500 ft2). Limit dense deposits to 6 mm (¼ in.) and oil saturated deposits to 3.2 mm (⅛ in.).	
Suggested Deadline Date:	28 Mar 2015	
Standard:	Alliance Standards Part 13 Section 13.6 Housekeeping	
Question:	A hot-work permit program has been established.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Hot-work was going on in the factory in the welding shed but hot-work permit program is not established as required.	
Source of Findings:	Document Review: Hot-work permit program was not found.	
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 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:	03 Jan 2015	
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	
Question:	Storage areas underneath the cutting tables are clear of combustibles.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Fabrics stored underneath the cutting tables of cutting section on 2nd floor, 3rd floor and 4th floor of ATPML building and on 1st floor Apex lingerie building.	
Source of Findings:	Visual Assessment: Combustibles was found underneath cutting table.	
Suggested Plan of Action:	Remove all combustibles stored underneath the cutting tables at the noted locations.	
Suggested	03 Oct 2014	

Deadline Date:		
Standard:	Alliance Standard Part 17 Section 13.7.2 Cutting tables.	
Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	No record of training program is available in accordance with the Alliance Safety Training Curriculum on fire safety.	
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:	16 Aug 2014	
Standard:	Alliance Standards Part 13	
Question:	Smoking is only allowed at designated areas.	
Priority Level:	Low	
Non-Compliance Level:		
Description:	Smoking is prohibited as per verbal information of factory personnel and signs are posted in Bengali and English at all building entrances. Therefore, no designated smoking area is created outside the buildings.	
Source of Findings:	Visual Assessment: Smoking is prohibited in the factory premises.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Alliance Standards Part 13 Section 13.5 Smoking	
Question:	Are all applicable permits up to date including Fire License & Boiler License.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Factory license and fire license were found up-to-date but chemical was stored longer than approved limit of the license.	
Source of Findings:	Document Review: Fire license and factory license were found up-to-date.	
Suggested	Apply to department of explosives for the chemicals stored beyond the approved limit of existing license.	

Plan of Action:		
Suggested Deadline Date:	16 Aug 2014	
Standard:	Alliance Standard Part 13 Human Element Programs	
Question:	Are there additional areas of non-compliance to report?	
Priority Level:	Medium	
Non-Compliance Level:		
Description:	No remarkable non-compliance issue other than those presented before was found.	
Source of Findings:	Visual Assessment: No additional areas of noncompliance were found.	
Suggested Plan of Action:		
Suggested Deadline Date:		
Standard:	Not Applicable	