INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name:	**Tex Tech Co. Ltd.**
Address:	**Safwan Tower, Sharifpur, Khanpara, Gazipur Gazipur Dhaka Bangladesh**
Assessor:	**BD Technologies**
Date:	**03 Jan 2015**

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:	Tex Tech Co. Ltd.
Address:	Safwan Tower, Sharifpur, Khanpara, Gazipur Gazipur Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Gazipur
Zip Code:	1704
Audit Duration:	8 Hours
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	05/01/2015
Final Report Date:	10/01/2015
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	• Building # 1:4-story R.C.C. factory building using as sewing, cutting, finishing, inspection, packaging operations, fabric store, dining, parking, generator and substation room. • Building # 2:4-story R.C.C. factory building using as sewing, cutting, finishing, inspection, packaging operations, fabric store. Both two buildings are interconnected. • Ancillary # 1:3-story R.C.C story shed using as boiler operation and maintenance room.
Is the building(s) owned or rented by the Factory:	Rented
Number of Building Levels (Stories):	Building-1 & 2 are 4-storied R.C.C. factory building (Occupied floor Height = 33' 3"). Ancillary building-1 is 2-storied R.C.C. factory building (Occupied floor Height = 17').
Approximate Building Area (SF):	Building # 1 & 2 are interconnected, Total area of two buildings (together), Area = 5 x 26,580 =1,32,900 sq.ft.
Date of Building Construction:	Date of Building Construction: Building-1 & 2= 2010-2014. And Ancillary Building=2014.
Date of Last Building Renovation/Addition:	No Renovation or Addition done.
Ancillary Structures in Complex:	Ancillary # 1:3-story R.C.C story shed using as boiler operation and maintenance room.
Approximate Ancillary	Approximate Ancillary Structures Area: 812 x 4= 3,248 sq.ft.

Structures Area (SF):	
Number of Occupants:	Building # 1 & 2 (GF = 55, 1st floor = 334, 2nd floor = 353, 3rd floor (No production) =0, Roof = 0. Number of total Occupants: 742. Ancillary Building: (GF = 1, 1st floor = 3, 2nd floor (No production) = 0, Roof = 0). Number of total Occupants: 4.
Number of Ancillary Levels (Stories):	3-storied Ancillary Building, Number of level=3.
Occupancy Type:	Occupancy Type: G-2 & H. Mentioned in fire license.
Construction Type:	Type-2 (As per visual assessment and physical structure of the building on 03/01/2015).
Height of Highest Occupied Floor Level Above Grade:	Building#1 & 2- Heights Occupied level= 33’ 3”, Ancillary Building: Heights Occupied level=17’.

ASSESSMENT FINDINGS

Fire Protection Construction

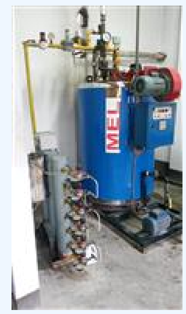
Question:	Are openings and penetrations through rated walls and/or assemblies protected?
Priority Level:	High
Non-Compliance Level:	3
Description:	1.Substation room has some openings and penetration which is connected with egress way and a penetration which is connected with Ground floor cutting section. Substation room has a collapsible gate and has some penetrations upper side of the door/gate. 2.Some penetrations are found in ground floor (cutting section) to 2nd floor of factory building-1. 3.Generator room (Ground floor) has some openings and penetrations which are connected with egress way and parking area. 4.Accessories store has two openings (door and window) connected with the corridor.
Source of Findings:	Photograph: Transformer's openings,Penetrations,Penetrations upper side of the substation's door,Generator Room,Unprotected parking,Accessories store.
Suggested Plan of Action:	1.Provide minimum 2 hrs fire resistive rated construction wall to separate the transformer area, egress way, and seal all the penetration with existing resistive rated construction and provide minimum 2 hrs fire rated door to separate the substation room. 2.Seal all the penetrations with existing or 2 hrs fire resistive rated construction or materials to separate all the mentioned area. 3.Provide minimum 2 hrs fire resistive rated construction wall to protect the openings, seal all the penetrations with existing resistive rated construction and provide minimum 2 hrs fire resistive rated door. As a result it will separate the egress corridor and parking area. 4.Provide minimum 1 hr fire resistive rated construction wall and minimum 1 hr fire resistive rated door to separate the corridor. Also consult a qualified fire protection engineer to design the required rated construction barriers and door.
Suggested Deadline Date:	12 May 2015
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:	All the exit enclosures are not fire/ smoke protected.	
Source of Findings:	Photograph: Non-rated exit enclosures in every floor.	
Suggested Plan of Action:	Provide minimum 2 hrs fire-resistive rated construction barriers and 1.5 hrs fire rated doors to protect all the exit enclosures for both the building and ancillary building. Also consult a qualified fire protection engineer to design the required rated construction barriers/ doors as per Alliance Standards.	
Suggested Deadline Date:	12 May 2015	
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:	2	
Description:	Lift core is available in the building but it was not using now.	
Source of Findings:	Photograph: Unprotected lift core opening in Building# 1.	
Suggested Plan of Action:	Provide 2 hr fire-resistive rated construction barriers and 1.5 hrs rated door at lift core. Consult a qualified fire protection engineer to design the required rated construction barriers (as per Alliance Standards Part 4 Section 4.5.7.1 through 4.5.7).	
Suggested Deadline Date:	12 May 2015	
Standard:	Reference Alliance Standards Part 4 Section 4.5.7.1 through 4.5.7.3	
Question:	Are separations between hazards provided with fire-resistive rated construction barriers.	 
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	1.Two collapsible gates/ doors are present with fabric stores (in building 1 & 2 at ground floor). 2.A boiler room is present on 1st floor of ancillary building.	
Source of Findings:	Photograph: Unprotected fabric store and boiler room.	
Suggested Plan of Action:	Provide minimum 1 hr fire-resistive rated swinging door for hazardous separation (Fabric store area and boiler area). Also consult a qualified fire protection engineer to design the required rated construction barriers/ doors.	

Suggested Deadline Date:	04 Aug 2015	
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Certificates of Occupancy for each building have been issued and are on file.	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	Occupancy certificate not found for any of the building.	
Source of Findings:	Document Review: According to document review of this factory on 3rd January, 2015.	
Suggested Plan of Action:	Collect occupancy certificate for each of the building in the factory premises (mention occupancy type).	
Suggested Deadline Date:	31 Mar 2015	
Standard:	Are certificates of occupancy provided for each building or ancillary structure?	
Fire Protection Systems		
Question:	Does the building have a Standpipe System?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Undersized hose connections were provided and standpipe hose connection provisions for Fire Service & Civil defence are not available.	
Source of Findings:	Photograph: Under sized hose system (Typical).	
Suggested Plan of Action:	Modify or newly install the Standpipe System to meet the requirements of the required Standpipe System Class as per NFPA-14 (install class-III standpipe hose connection). Consult a qualified fire protection engineer before modify or	

	installing a new system.	
Suggested Deadline Date:	12 May 2015	
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:	Fire pump was not found in the factory.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.	
Suggested Plan of Action:	Install dedicated fire pump according to Alliance Standard and NFPA 20. Also install a stored water supply (tank) per NFPA 22 of adequate capacity to support demands (Alliance standards: 5.5.1).	
Suggested Deadline Date:	12 May 2015	
Standard:	Alliance Standard Part 5 Fire Protection Systems	
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:	3	
Description:	Pull stations or call point were not provided at required location.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.	
Suggested Plan of Action:	Provide pull stations or call point at each egress points, smoke detectors, visual and audible devices spaced appropriately based on occupancy type throughout the building. Reference NFPA 72.	
Suggested Deadline Date:	12 May 2015	
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	
Question:	Are fire department connections provided and clearly identified for the Fire Protection Systems?	
Priority Level:	Medium	

Non-Compliance Level:	3
Description:	Fire department connections were not provided and clearly identified for the Fire Protection Systems.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.
Suggested Plan of Action:	Install fire department connections where required and in compliance with the Alliance Standard Part 5 Section 5.5.4. Connections shall match the Fire Service and Civil Defense hose thread standard. It will allow fire department pumper vehicles to draw water from ground -level or underground water storage tanks. Also provide a provision to feed water from civil defense vehicle in the stand pipe system.
Suggested Deadline Date:	15 Aug 2015
Standard:	Alliance Standard Part 5 Section 5.5.4 Fire Department Connections
Question:	Fire extinguishers are inspected, tested, and maintained as required.
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Inspection, maintenance, and testing records of Fire extinguishers were not found.
Source of Findings:	Document Review: According to document review of this factory on 3rd January, 2015.
Suggested Plan of Action:	Establish an inspection, testing, and maintenance program for all fire extinguishers. Program must comply with the requirements of NFPA 10 (Alliance standard: 13.10.3).
Suggested Deadline Date:	04 Aug 2015
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:	3
Description:	Standalone type smoke detectors were provided but there are some blind spots in each floor and control panel was not available.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.
Suggested Plan of Action:	Install an automatic fire alarm and detection system in accordance with Alliance Standard so that it will cover the entire floor area (detectors properly

	spaced in accordance with NFPA 72 and in all separate rooms). Set up a fire alarm and detection system central station monitoring service (central control panel) or direct connection to the Fire Service and Civil Defence. Until this service can be established, have the alarms annunciate at a constantly ateended location and assign a person at that location to contact the fire department in the event of fire alarm activation.
Suggested Deadline Date:	04 Aug 2015
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring
Question:	Is signage for the standpipe system installed at required locations and on required components?
Priority Level:	Low
Non-Compliance Level:	3
Description:	Signage for the standpipe system is not installed at required locations and on required components.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.
Suggested Plan of Action:	Install signage for the standpipe system at required locations and on required components as per NFPA 14.
Suggested Deadline Date:	31 Mar 2015
Standard:	Reference NFPA 14 Chapter 6
Question:	Are inspection, maintenance, and testing procedures of the standpipe and hose system documented and up to date? Including inspection and testing of hoses if provided.
Priority Level:	Low
Non-Compliance Level:	1
Description:	Factory building has standpipe with hose connection but inspection, maintenance, and testing records are not found.
Source of Findings:	Visual Assessment: According to visual assessment, management interview and document review of this factory.
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 (Reference NFPA 25 Chapter 6 Standpipe and Hose Systems Table 6.1.1.2).
Suggested Deadline Date:	04 Aug 2015
Standard:	Reference NFPA 25 Chapter 6 Standpipe and Hose Systems Table 6.1.1.2

Means of Egress

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:	Most of the aisles were not obvious in all the floor of building 1 & 2.	
Source of Findings:	Photograph: Most of the aisles were not obvious in all the floors.	
Suggested Plan of Action:	Make aisles marking with proper direction and with minimum 36 in. width. Keep aisles free of obstruction and higher occupancy loads will require a greater width to accommodate the increased load (Alliance Standard Part 6 Section 6.5 Egress Width).	
Suggested Deadline Date:	12 May 2015	
Standard:	Higher occupancy loads will require a greater width to accommodate the increased load. Alliance Standard Part 6 Section 6.5 Egress Width	
Question:	Means of egress are free from impediments, obstructions, and stored materials.	 
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Two egress ways East side and West side of the buildings are not clean and dry. Some manholes have no cover in the East side egress ways.	
Source of Findings:	Photograph: Two egress ways East side and West side of the buildings.	
Suggested Plan of Action:	Means of egress must be dry and clean and free from impediments, obstructions, and stored materials. Also cover all the manholes with required materials.	
Suggested Deadline Date:	24 Feb 2015	
Standard:	Alliance Standard Part 6 Section 6.3.8 Impediments to means of egress and Section 6.3.9 Reliability	
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:	Doors are found open in the audit period but they have locking devices.	
Source of Findings:	Photograph: Locking devices with the exit door.	
Suggested Plan of Action:	Remove all hasps, locks, slide bolts, or other locking devices at the noted locations. Alliance Standards Part 6 Section 6.8 Doors and Gates.	
Suggested Deadline Date:	04 Mar 2015	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	All doors in a means of egress are of the side-hinged swinging type.	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	All the doors are collapsible or sliding type.	
Source of Findings:	Photograph: Collapsible gates and sliding doors.	
Suggested Plan of Action:	Provide side-hinged swinging type doors in all means of egress that open outward (Alliance Standards Part 6 Section 6.8 Doors and Gates).	
Suggested Deadline Date:	12 May 2015	
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:	Doors along the path of egress have a minimum width of 0.8 m (32 in) but, have no required ratings.	
Source of Findings:	Visual Assessment: According to Visual Assessment of this factory on January 03, 2015.	
Suggested Plan of Action:	Provide minimum 1.5 hrs fire rated doors comply with the Alliance standard.	
Suggested Deadline Date:	12 May 2015	
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:	Stairwells are not utilized as storage spaces.
Priority Level:	High
Non-Compliance Level:	2
Description:	South-East Stair and South-West stair are not clean and not free from stored materials.
Source of Findings:	Photograph: South-East Stair and South-West stair.
Suggested Plan of Action:	Remove all storage from exit stairs and maintain them clean and free from impediments, obstructions, and stored materials.
Suggested Deadline Date:	21 Feb 2015
Standard:	Alliance Standard Part 13 Section 13.9 Safety Inspections

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 were not posted anywhere in the assembly and production floor of the factory buildings.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.
Suggested Plan of Action:	Provide the occupant load signage for every assembly and production floor in a facility in a conspicuous space near the main exit or exit access doorway for the space as per Alliance Standards Part 6 Section 6.4.4.
Suggested Deadline Date:	17 Mar 2015
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load

Question:	All paths of egress are provided with compliant means of illumination.
Priority Level:	Medium
Non-Compliance Level:	3
Description:	All paths of egress are not provided with compliant means of illumination.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.

Suggested Plan of Action:	Install appropriate means of illumination at the noted locations. 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.
Suggested Deadline Date:	04 Aug 2015
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:	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:	3
Description:	Testing records of emergency power for means of egress illumination are not found.
Source of Findings:	Document Review: According to management interview and documents review of this factory on 3rd January, 2015.
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the operation of all exists 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 min once per year (Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting).
Suggested Deadline Date:	17 Mar 2015
Standard:	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting

Question:	Illuminated exit signs are provided with battery backup or emergency power and are continuously illuminated.
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Exit signs are not provided with battery backup or emergency power.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.
Suggested Plan of Action:	Provide an emergency power source, either by battery back or by connecting to the emergency power system, for illuminated exit signs.
Suggested Deadline Date:	17 Aug 2015

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:	3	
Description:	Testing records of Emergency power exit signs were not found.	
Source of Findings:	Document Review: According to management interview and documents review of this factory on 3rd January, 2015.	
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the emergency power for exit signs is tested at least once per year. If battery operated signs are used, these lights are tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 min once per year (Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape).	
Suggested Deadline Date:	17 Mar 2015	
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:	3	
Description:	Handrails are provided on single side of each stairway and intermediate handrails need to provide in the front staircase (stair with 110 inches). Production floor to office and sample area has a small stair where need both side handrails also at 1st floor.	
Source of Findings:	Photograph: Existing handrails in the factory premises.	
Suggested Plan of Action:	Provided handrails on both sides of each stairway. Also install intermediate handrails on the front staircase. Mount handrails height in between 30 inch to 44 inch as per Alliance Standard Part 6 Section 6.9 Stairs and 6.12 Handrails and Guards.	
Suggested Deadline Date:	04 Aug 2015	

Standard:	Alliance Standard Part 6 Section 6.9 Stairs and 6.12 Handrails and Guards	
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:	Some exit entrances have no illuminated exit signs.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.	
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:	17 Aug 2015	
Standard:	Alliance Standard Part 6 Section 6.11 Exit Signs	
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:	3	
Description:	Stair designation signs were not provided at each floor entrance from the stair to the floor in English and Bengali.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January.	
Suggested Plan of Action:	Install signage adjacent to each stair door indicating the stair name and the floor level at the noted locations in English and Bengali (Alliance Standard Part 6 Section 6.9 Stairs).	
Suggested Deadline Date:	17 Mar 2015	
Standard:	Alliance Standard Part 6 Section 6.9 Stairs	
Question:	Exit signs have appropriate illumination levels and contrasting graphics.	

Priority Level:	Low
Non-Compliance Level:	2
Description:	Some exit has no illumination system.
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.
Suggested Plan of Action:	Provide appropriate illumination levels and contrasting graphics on each of the exit signs.
Suggested Deadline Date:	04 Aug 2015
Standard:	Alliance Standard Part 10 Section 10.12.1 Exit Signs
Fire Safety Programs	
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:	3
Description:	As per factory management and workers interview required number of people trained and certified in fire fighting, first aid, and rescue training by the appropriate authority and no documents are found about this.
Source of Findings:	Document Review: As per factory management and workers interview and documents review of this factory.
Suggested Plan of Action:	Arrange more training program for fire safety awareness as per Alliance standard part 13 and take feedback from the worker for their better understanding. 25 % of worker should be trained for fire fighting, first aid, rescue etc. Also make a documentation for Alliance review.
Suggested Deadline Date:	04 Aug 2015
Standard:	Alliance Standard Part 13 Human Element Programs
Question:	An emergency evacuation plan has been developed and communicated to all employees.
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Emergency evacuation plan is not well known with the workers of this factory.
Source of Findings:	Worker Interviews: According to workers interview of this factory on 3rd January, 2015.
Suggested Plan of	Develop an emergency evacuation plan which includes all components

Action:	required by the Alliance Standards and communicate the plan to all employees.	
Suggested Deadline Date:	17 Mar 2015	
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:	2	
Description:	Emergency egress maps are posted on East staircase and other three staircases has no Emergency egress maps.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory on 3rd January, 2015.	
Suggested Plan of Action:	Post emergency egress maps at the entrance to each exit stair or main point of egress on other three staircases.	
Suggested Deadline Date:	17 Mar 2015	
Standard:	Alliance Standards Part 13 Section 13.4 Evacuation Plan	
Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Proper training programs are not implemented and documented.	
Source of Findings:	Document Review: According to management interview and document review of this factory on 3rd January, 2015.	
Suggested Plan of Action:	Training programs need to be implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Suggested Deadline Date:	27 Mar 2015	
Standard:	Alliance Standards Part 13	

Question:	Storage areas underneath the cutting tables are clear of combustibles.	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Combustibles storage is available under the cutting table.	
Source of Findings:	Photograph: Combustible stored under cutting table.	
Suggested Plan of Action:	Remove the combustibles materials from the noted location and keep it free from stored combustible or materials.	
Suggested Deadline Date:	02 Mar 2015	
Standard:	Alliance Standard Part 17 Section 13.7.2 Cutting tables.	
Question:	A Fire Safety Director position has been filled.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Fire Safety Director is not found.	
Source of Findings:	Visual Assessment: According to management interview and documents review on 3rd January, 2015.	
Suggested Plan of Action:	Create a Fire Safety Director position and fill the position with an individual that has had sufficient training to be able to carry out the required duties.	
Suggested Deadline Date:	04 Aug 2015	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	Fire Department pre-planning has been completed.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Fire Department pre-planning has not been completed.	
Source of Findings:	Visual Assessment: As per management interview and documents review of this factory on 3rd January, 2015.	
Suggested Plan of Action:	Complete fire department pre-planning activities with the local Fire Service and Civil Defense (Alliance Standards Part 13 Section 13.1 Fire Safety Director).	
Suggested Deadline Date:	17 Mar 2015	
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:	1
Description:	A written housekeeping policy is not established and enforced.
Source of Findings:	Document Review: As per factory management interview and documents review of this factory on 3rd January, 2015.
Suggested Plan of Action:	Establish a written housekeeping policy and enforced it as per Alliance standard.
Suggested Deadline Date:	27 Oct 2015
Standard:	Alliance Standards Part 13 Section 13.6 Housekeeping
Question:	A hot-work permit program has been established.
Priority Level:	Low
Non-Compliance Level:	1
Description:	A hot-work permit program has not been established yet.
Source of Findings:	Visual Assessment: As per factory management interview and documents review of this factory on 3rd January, 2015.
Suggested Plan of Action:	Established and develop a hot work permit program comply with the NFPA 51B.
Suggested Deadline Date:	04 Aug 2015
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B
Question:	Are all applicable permits up to date including Fire License & Boiler License.
Priority Level:	Low
Non-Compliance Level:	1
Description:	Fire license is up to date (30 June, 2015), Boiler license is out of date (09 March, 2014) and they have already apply for renew the boiler license on 8th December, 2015.
Source of Findings:	Document Review: According to document review of this factory on 3rd January, 2015.
Suggested Plan of Action:	Collect a valid Boiler License as per Boiler Act, 1923.
Suggested Deadline Date:	17 Mar 2015

Standard:	Alliance Standard Part 13 Human Element Programs	