INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name:	**Zon Ron Sweaters Ltd**
Address:	**Nishchintapur, Ashulia DEPZ road, Zirabo, Savar Savar Dhaka Bangladesh**
Assessor:	**BD Technologies**
Date:	**08 May 2014**

Introduction to the Report

The following report contains a site profile and summary of non-conformities identified during an onsite assessment commissioned by the Alliance for Bangladesh Worker Safety (Alliance) and conducted by a third-party Qualified Assessment Firm (QAF). The assessment was conducted against the Alliance for Bangladesh Worker Safety Assessment Protocols (APs) and Fire Safety and Structural Integrity Standard, which is harmonized with the factory assessment guidelines developed by Bangladesh University of Engineering and Technology (BUET) for the Bangladesh National Tripartite Plan of Action (NTPA). The goal of the Alliance process is to provide clear and practical technical requirements by which Bangladeshi Ready Made Garment (RMG) Factories producing for Alliance members may be consistently and fairly evaluated for fire, structural, and electrical safety in a non-duplicative manner. Each assessment will prompt action plans that will be used by RMG factories to systematically and sustainably improve safety conditions for garment workers. Beyond tracking and reporting on action steps taken in a transparent manner, the Alliance organization and its members will seek to further support factory improvements through technical assistance, training, implementation support for functional Worker Committees, and in some cases financial assistance and wage support for workers if factories are closed for remediation.

The contents of the report do not constitute a guarantee of compliance with the applicable laws, the Alliance Standard or the absolute or continued safety against fire, electrical and/or structural integrity issues that may lead to injury or loss of life. The report is designed to provide a non-exhaustive summary of risk issues, based on a limited sampling and duration of time onsite by the named QAF. Neither the QAF nor the Alliance can certify or guarantee the quality, outcome, or effectiveness of actions taken in response to the report.

For more information and report feedback please go to: www.bangladeshworkersafety.org.

GENERAL INFORMATION

General Information	
Factory Name:	Zon Ron Sweaters Ltd
Address:	Nishchintapur, Ashulia DEPZ road, Zirabo, Savar Savar Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Savar
Zip Code:	
Audit Duration:	8 Hours
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	05/06/2014
Final Report Date:	09/06/2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	• Building # 1 -6 story R.C.C. factory building using as knitting, cutting, washings, dryings, finishing, inspection, packaging operations, fabric store, dining, generator, parking and substation room • Ancillary Building # 2 single story shed using as boiler operation.
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	• Building # 1 -6 story R.C.C. factory building (Height = 55 ft.) • Ancillary Building # 2 -single story shed
Approximate Building Area (SF):	• Building # 1 -6 story R.C.C. factory building (Area = 5 x 27078.94 + 2 x 24120.91 =159515.61 sq.ft.)
Date of Building Construction:	Date of Building Construction: 2002-2003.
Date of Last Building Renovation/Addition:	Date of Last Building Addition: 2003-2014 (continuing). Till now this building is under construction and it will be 10-storied (already completed up to level-6).
Ancillary Structures in Complex:	Ancillary boiler shed #1.
Approximate Ancillary Structures Area (SF):	• Ancillary Building # 2 -single story boiler shed (Area = 800 sq.ft.).

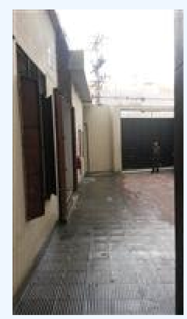
Number of Occupants:	GF = 121, 1st floor = 331, 2nd floor = 521, 3rd floor = 530, 4th floor = 222, 5th floor = 2. Number of total Occupants: 1727.
Number of Ancillary Levels (Stories):	• Ancillary Building #2 (level=1, Height = 13 ft.).
Occupancy Type:	Occupancy Type: G-2. Mentioned in fire license.
Construction Type:	Type-1 (As per visual assessment).
Height of Highest Occupied Floor Level Above Grade:	• Building#1- Heights Occupied level= 65 ft, • Building#2 Occupied level on GF.

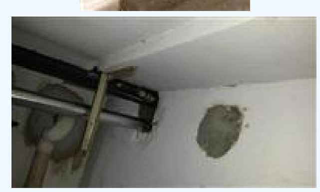
ASSESSMENT FINDINGS

Fire Protection Construction

Question:	Are exit enclosures provided with fire-resistive rated construction barriers?
Priority Level:	High
Non-Compliance Level:	3
Description:	Openings (exit doors, windows, ventilation and penetrations etc.) in all stair en-closer are not fire protected.
Source of Findings:	Photograph: All exit doors were unprotected.
Suggested Plan of Action:	Provide 2 hr. fire-resistive rated construction barriers at exit enclosures. Provide 1.5 hour rated opening protection (fire door and window, penetration sill) in all openings which are connected to stair case. Consult a qualified fire protection engineer to design the required rated construction barriers as per Alliance Standards- 4.5.4.1, 4.6, 4.5.7 Shafts. 4.5.7.1 & BNBC Part 4 Section 2.5.
Suggested Deadline Date:	10 Sep 2014
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation

Question:	Are openings and penetrations through rated walls and/or assemblies protected?
Priority Level:	High
Non-Compliance Level:	2
Description:	Oil transformer, HT switch gear, LT panel and two diesel Generators were not separated by fire rated construction. Egress way in front of Generator room was not protected.
Source of Findings:	Photograph: Generator room
Suggested Plan of Action:	Separate Oil transfer area, HT switch gear, LT panel and Generators area by minimum 2 hrs fire rated construction wall with 1.5 hr fire rated doors. Provide minimum 2 hrs fire rated wall with 12 ft height or 1.5 hr fire rated windows and door to protect egress way which is running in front of Generator room. Also consult a qualified fire protection engineer to design the required rated construction barrier (Alliance Standards- 3.4.2.1.5, 4.5, 4.6 & BNBC Part 4).
Suggested Deadline Date:	10 Sep 2014
Standard:	Includes doors, windows, ducts, piping, etc. Reference Alliance Standards Part 4 Section 4.6 Opening Protectives and Section 4.7 Penetrations



Question:	Are shafts provided with the minimum fire-resistance rating?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Lift core was available in the building but it was not using now.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory.	
Suggested Plan of Action:	Provide 2 hr fire-resistive rated construction barriers 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:	10 Sep 2014	
Standard:	Reference Alliance Standards Part 4 Section 4.5.7.1 through 4.5.7.3	
Question:	Are separations between hazards provided with fire-resistive rated construction barriers.	   
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	1. In front of child care room and medical room there is a place for storage (at Finishing section) and it is separate by aluminum thai and glass at 1st floor of the building. 2. Boiler room opening (Windows) and penetration are not fire protected and it is adjacent to production floor. 3. Fabric store had no fire door and was connected with the egress way.	
Source of Findings:	Photograph: According to visual assessment of this factory has provided evidence photo.	
Suggested Plan of Action:	1.Provide 1 hr. fire rated construction barriers to separate the child care and medical room from production area and remove all storage area which is in front of child care and medical room at 1st floor of this building. 2. Provide minimum 1 hr fire-resistive rated construction to protect the boiler room's opening (window) and penetration at ground floor. 3. Provide fire rated door (45 min.) at Fabric Store. Consult a qualified fire protection engineer to design the required rated construction barrier (Alliance Standards- 3.4.2.1.5, 4.5, 4.6 & BNBC Part 4).	
Suggested Deadline Date:	15 Dec 2014	
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	
Question:	Certificates of Occupancy for each building have been issued and are on file.	

Priority Level:	Low
Non-Compliance Level:	1
Description:	Occupancy certificate not found for any of the building.
Source of Findings:	Document Review: According to document review and management interview of this factory.
Suggested Plan of Action:	Apply to appropriate authority in an expeditious manner for issuance of the Certificates of Occupancy for each building and ancillary structure according to building use.
Suggested Deadline Date:	01 Oct 2014
Standard:	Are certificates of occupancy provided for each building or ancillary structure?
Fire Protection Systems	
Question:	Is the building protected by an automatic sprinkler system?
Priority Level:	High
Non-Compliance Level:	3
Description:	At the current height at the time of survey, a sprinkler system is not required according to building height. However, as additional floors are added (up to the proposed 10 stories), this building will require automatic sprinkler protection.
Source of Findings:	Visual Assessment: Current 6-story building will be expanded to 10 stories.
Suggested Plan of Action:	As the building exceeds 75 ft. above the ground level, provide automatic sprinkler protection throughout the building in accordance with the Alliance Standard.
Suggested Deadline Date:	31 Dec 2014
Standard:	Reference Alliance Standards Part 3 Section 3.5.3 Existing Buildings, Part 5 Section 5.3 Automatic Sprinkler Systems and Section 6.13 Travel Distance
Question:	Does the building have a 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.
Suggested Plan of Action:	Install dedicated fire pump according to Alliance Standard and NFPA 20 with minimum pressure of 450 kPa (65 psi) at the hydraulically most remote hose connection. Also install a stored water supply (tank) per NFPA 22 of adequate capacity to support demands (Alliance standards: 5.5.1).

Suggested Deadline Date:	25 Dec 2014	
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 were not provided at one out of three egress points (egress way-1).	
Source of Findings:	Visual Assessment: According to visual assessment of this factory.	
Suggested Plan of Action:	Install initiating devices and notification appliances as required by the Alliance Standard and NFPA 72. This includes electrical supervision of all valves controlling fire protection systems (sprinklers, fire pumps, water supplies, etc.). Connect devices to an automatic fire alarm and detection system for the facility. All fire alarm installations shall be submitted for review by the Alliance prior to commencement of installation.	
Suggested Deadline Date:	10 Sep 2014	
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:	Does the building have a Standpipe System?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Undersized hose connections were provided and standpipe hose connection provisions for Fire Service & Civil defence were not available.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory.	
Suggested Plan of Action:	Install standpipe system at required locations. Standpipe system must comply with NFPA 14.	
Suggested Deadline Date:	10 Sep 2014	
Standard:	Does the building have a standpipe system installed where required. Alliance Standard Part 5 Section 5.4.2	

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 were some blind spots in each floor and fire alarm control panel was not installed.
Source of Findings:	Visual Assessment: According to visual assessment of this factory.
Suggested Plan of Action:	Install an automatic fire alarm and detection system 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 attended location and assign a person at that location to contact the fire department in the event of fire alarm activation.
Suggested Deadline Date:	26 Jul 2014
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring

Question:	Are fire department connections provided and clearly identified for the Fire Protection Systems?
Priority Level:	Medium
Non-Compliance Level:	2
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.
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 Dec 2014
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:	2
Description:	Inspection, maintenance, and testing records of Fire extinguishers were not

	found. Only checklist was available.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory.	
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:	15 Dec 2014	
Standard:	NFPA 10 Chapter 7	
Question:	Are inspection, maintenance, and testing procedures of the standpipe and hose system documented and up to date? Including inspection and testing of hoses if provided.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Factory building had 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:	15 Dec 2014	
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:	Some aisles were not free and width less than 36 inch in the 1st floor iron section.	
Source of Findings:	Photograph: According to visual assessment of this factory.	
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	10 Sep 2014	

Date:		
Standard:	Higher occupancy loads will require a greater width to accommodate the increased load. Alliance Standard Part 6 Section 6.5 Egress Width	
Question:	Doors are not locked in the direction of egress under any conditions. All hasps, locks, slide bolts, and other locking devices have been removed where required.	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Doors are found open in the audit period but they have locking devices.	
Source of Findings:	Photograph: According to visual assessment of this factory.	
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:	12 Jul 2014	
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:	2	
Description:	Most of the doors were collapsible or sliding type.	
Source of Findings:	Photograph: According to visual assessment of this factory.	
Suggested Plan of Action:	Provide side-hinged swinging type doors in all means of egress (Alliance Standards Part 6 Section 6.8 Doors and Gates).	
Suggested Deadline Date:	10 Sep 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	All occupied roofs are provided with parapets or guards with a minimum height of 1067 mm (42 in.).	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Roof parapets or guards height (level-4) are less than 1067 mm (42 in.) and rest of the roof is under construction.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory.	
Suggested Plan of	Provide parapets or guards with a minimum height of 1067 mm (42 in.) in all	

Action:	occupied roof (Alliance Standard Part 6 Section 12 Handrails and Guards).	
Suggested Deadline Date:	15 Dec 2014	
Standard:	Alliance Standard Part 6 Section 12 Handrails and Guards	
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:	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.	
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the emergency power for all egress lighting is verified at least once per year. If battery-operated lights are used, these lights shall be tested on a monthly basis. Functional testing of battery powered lights shall be provided for a minimum 90 min once per year.	
Suggested Deadline Date:	26 Jul 2014	
Standard:	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting	
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:	2	
Description:	Changes in elevation of walking surfaces were found in Ground floor sewing section.	
Source of Findings:	Photograph: According to visual assessment of this factory.	
Suggested Plan of Action:	Provide a flattened elevation at the noted location (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) Alliance Standard Part 6 Section 6.3.4 Walking Surfaces.	
Suggested Deadline Date:	15 Dec 2014	
Standard:	Alliance Standard Part 6 Section 6.3.4 Walking Surfaces	

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:	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.	
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:	26 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	
Question:	Walking surfaces along the path of egress are uniformly slip resistant.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Walking surfaces along the path of egress were not uniformly slip resistant.	
Source of Findings:	Photograph: According to visual assessment of this factory.	
Suggested Plan of Action:	Provide measures to ensure that walking surfaces, including stairway treads, are uniformly slip resistant.	
Suggested Deadline Date:	15 Dec 2014	
Standard:	Alliance Standard Part 6 Section 6.3.6 Slip Resistance	
Question:	Handrails are provided on both sides of each stairway. Intermediate handrails are provided when the stair width exceeds 2.2 m (87 in.). Handrails are not mounted lower than 760 mm (30 in.) or higher than 1100 mm (44 in.).	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Handrails were provided on single side of each stairway.	
Source of Findings:	Photograph: According to visual assessment of this factory.	

Suggested Plan of Action:	Provided handrails on both sides of each stairway. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.). Mount handrails height in between 30 in. to 44 in as per Alliance Standard Part 6 Section 6.9 Stairs and 6.12 Handrails and Guards.	
Suggested Deadline Date:	15 Dec 2014	
Standard:	Alliance Standard Part 6 Section 6.9 Stairs and 6.12 Handrails and Guards	
Question:	Every door in a stair enclosure serving more than 5 stories is provided with re-entry unless it meets the requirements of Alliance Standards Part 6 Section 6.8.3.1.	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Re-entry was not available.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory.	
Suggested Plan of Action:	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 (Alliance Standards Part 6 Section 6.8.3.1).	
Suggested Deadline Date:	10 Sep 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
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:	1	
Description:	Occupant loads were not posted anywhere in the assembly and production floor of the factory building.	
Source of Findings:	Visual Assessment: According to visual assessment of this factory.	
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:	26 Jul 2014	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	

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:	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.
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:	26 Jul 2014
Standard:	Alliance Standard Part 6 Section 6.9 Stairs
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 interview and documents review, 50 workers were trained. But according to total number of workers it was not sufficient.
Source of Findings:	Worker Interviews: 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.
Suggested Deadline Date:	15 Dec 2014
Standard:	Alliance Standard Part 13 Human Element Programs
Question:	Fire Department pre-planning has been completed.
Priority Level:	Low
Non-Compliance Level:	2
Description:	Fire Department pre-planning had not been completed.
Source of Findings:	Document Review: According to management interview and document review of this factory.

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:	26 Jul 2014	
Standard:	Alliance Standards Part 13 Section 13.1 Fire Safety Director	
Question:	Are all applicable permits up to date including Fire License & Boiler License.	
Priority Level:	Low	
Non-Compliance Level:	2	
Description:	Fire license was up to date (30 June, 2014), Boiler license was out of date (19th March, 2014).	
Source of Findings:	Document Review: According to document review of this factory.	
Suggested Plan of Action:	Collect a valid Boiler License as per Boiler Act, 1923.	
Suggested Deadline Date:	25 Jul 2014	
Standard:	Alliance Standard Part 13 Human Element Programs	
Question:	A hot-work permit program has been established.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	A hot-work permit program had not been established yet.	
Source of Findings:	Document Review: According to management interview and document review of this factory.	
Suggested Plan of Action:	According to Alliance Standard, Part-9, Section-9.1.7, 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 authorities, necessary checks prior approval, standby fire watch and fire fighting equipment, sounding of alarm procedure, duration and expiry of permit and re-approval procedure etc. (Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B).	
Suggested Deadline Date:	15 Dec 2014	
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	