

Initial Fire Assessment Report (FAR)

Factory Name : **Radisson Casual Wear Ltd.**
Address: **Sreerampur, Kalampur , Dhamrai, Dhaka Bangladesh**
Assessor: **Uttaron Technologies**
Audit Date : **13 Dec 2018**





FACTORY INFORMATION

General Information	
Factory Name	Radisson Casual Wear Ltd.
Basic Information	
Address :	Sreerampur, Kalampur , Dhamrai, Dhaka Bangladesh
Country :	Bangladesh
Province/State :	Dhaka
City/Town :	
Postal Code :	
Audit Duration :	1 Days 0 Hours
Re-Audit :	No Re-Audit
Draft Report Date :	2 January 2019
Final Report Date :	24 June 2019
Are all Action Items From Previous Assessment Completed? :	N/A
Buildings in Complex :	There are 6 buildings in the complex; out of them 1 is main building and 5 are Ancillary Structures as per information was given by the owner’s representative. In this Initial audit, Main Production Building with Mezzanine, Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room), “ETP, Under Ground Water Reservoir and Accessories Warehouse”, Boiler Room, Child Care and Medical Room, Security Room have been assessed. Main Building: - 1. Main Production Building with Mezzanine_ 7+ 2 nos. Mezzanine= (GF+2 nos. Mezzanine+6). Ancillary Building: - 1. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room) _ Single storied= GF Only. 2. ETP, Under Ground Water Reservoir and Accessories Warehouse_ Single storied= GF Only. 3. Boiler Room _ Single storied= GF Only. 4. Child Care and Medical Room_ Single storied= GF Only. 5. Security Room _ Single storied= GF Only. All Main and Ancillary structures were in our scope of audit.
Is the building(s) owned or rented by the Factory :	Owned
Number of Building Levels (Stories) :	1. Main Production Building with Mezzanine= 7 (GF with 2 nos. Mezzanine+6) Storied R.C.C Building.
Approximate Building Area (SF) :	1. Main Production Building with Mezzanine= Ground Floor_15, 000+2 nos. Mezzanine_ (2,000+100)+1st Floor_15, 000+2nd Floor_15, 000+3rd Floor_15,

	000+4th Floor_15, 000+5th Floor_15, 000+6th Floor_15, 000= 107,100 sft.
Date of Building Construction :	1. Main Production Building with Mezzanine_ Year of construction 2016-2018. 2. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room) _ Year of construction 2017. 3. ETP, Under Ground Water Reservoir and Accessories Warehouse_ Year of construction 2017. 4. Boiler Room _ Year of construction 2018. 5. Child Care and Medical Room_ Year of construction 2018. 6. Security Room _ Year of construction 2017.
Date of Last Building Renovation/Addition :	There is no renovation or additional work has been done after construction of newly built, Main Production Building with Mezzanine, Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room), "ETP, Under Ground Water Reservoir and Accessories Warehouse", Boiler Room, Child Care and Medical Room, Security Room.
Ancillary Structures in Complex :	There are total 5 Nos. of Ancillary Structures. All of the ancillary structures have been assessed in this Initial audit. 1. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room). 2. ETP, Under Ground Water Reservoir and Accessories Warehouse. 3. Boiler Room. 4. Child Care and Medical Room. 5. Security Room.
Approximate Ancillary Structures Area (SF) :	Total Five Nos. of Ancillary Structures audited in this visit: - 1. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room) = Ground Floor (Generator_540 + Compressor_243+ Sub-station_510+ Fire Pump Room_570) =1,863 sft. 2. ETP, Under Ground Water Reservoir and Accessories Warehouse= Ground Floor (ETP_4,067+ ETP Control Room_1,050+ Accessories Warehouse_1,333) =6,450 sft. 3. Boiler Room=2,706 sft. 4. Child Care and Medical Room= Ground Floor (Child Care_247.5+ Medical Room_247.5) = 495 sft. 5. Security Room=176 sft. Total ancillary area is = 11,690 sft.
Number of Occupants :	As per information received from Factory management, Total numbers of occupants in the audited structure are approximately - (70+18+60+70+185+358+195+1+2+10+10+6+2+7) = 994 Persons: 1. Main Production Building with Mezzanine= Ground Floor_70+2 nos. Mezzanine_18+1st Floor_60+2nd Floor_70+3rd Floor_0+4th Floor_185+5th Floor_358+6th Floor_195= 956 Persons. 2. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room) = Ground Floor (Generator_1+ Compressor_0+ Sub-station_0+ Fire Pump Room_0) =1 Person. 3. ETP, Under Ground Water Reservoir and Accessories Warehouse= Ground Floor (ETP_0+ ETP Control Room_2+ Accessories Warehouse_10) =12 Persons. 4. Boiler Room=10 Persons. 5. Child Care and Medical Room= Ground Floor (Child Care_6+ Medical Room_2) = 8 Persons. 6. Security Room=7 Persons.
Number of Ancillary Levels (Stories) :	Five Ancillary Building were assessed under the scope of this initial audit. 1. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room) = 1 (GF Only) storied steel shed. 2. ETP, Under Ground Water Reservoir and Accessories Warehouse= 1 (GF Only) storied R.C.C with steel shed. 3. Boiler Room =1 (GF Only) storied R.C.C with steel shed. 4. Child Care and Medical Room=1 (GF Only) storied R.C.C with Tin shed. 5. Security Room =1 (GF Only) storied R.C.C structure.
Occupancy Type :	1. Main Production Building with Mezzanine= Ground Floor -G2 and J2, Mezzanine Floor- F1, 1st Floor-G2, H2 and J2, 2nd Floor -G2, 3rd Floor -E3, E4 and H2, 4th Floor -G2, 5th Floor -G2 and 6th Floor -G2. 2. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room) =K. 3. ETP, Under Ground Water Reservoir and Accessories Warehouse= K and H2. 4. Boiler Room=K. 5. Child Care and Medical Room= C1 and D1. 6. Security Room=F1.



Construction Type :	Buildings are constructed by R.C.C slabs, beams, columns, Steel Shed, and tie beams supported by cast in situ piles. 1. Main Production Building with Mezzanine= Type 2 Rated. 2. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room) = Steel structured. Non Rated. 3. ETP, Under Ground Water Reservoir and Accessories Warehouse= Type 2 Rated with Non Rated Roof top. 4. Boiler Room = Type 2 Rated with Non Rated Roof top. 5. Child Care and Medical Room= Type 2 Rated with Non Rated Roof top. 6. Security Room = Type 2 Rated.
Height of Highest Occupied Floor Level Above Grade :	1. Main Production Building with Mezzanine=73'-0". 2. Utility Shed (Generator, Compressor, Sub-station and Fire Pump Room) =0'-10". 3. ETP, Under Ground Water Reservoir and Accessories Warehouse=ETP -12'-0" and Accessories Warehouse -0'-6". 4. Boiler Room =0'-6". 5. Child Care and Medical Room=0'-10". 6. Security Room =0'-10".

Last Assessment Information	
Auditor	Uttaron Technologies
Assessment Date	13 Dec 2018

ASSESSMENT FINDINGS

Fire Safety Report - Fire Protection Construction

Question	Certificates of Occupancy for each building have been issued and are on file.		
Level(Priority Level)	Low		
Non-Compliance Level	1		
Description	Certificates of occupancy were not available on site for all of the expansion structures during the assessment.		
Source of Findings	Visual Assessment: No occupancy certificates have been shown by factory personnel.		
Suggested Plan of Action	Apply to the appropriate authority in an expeditious manner for the issuance of the certificates of Occupancy for each building and ancillary structure according to building use.		
Suggested Deadline Date	31 Jul 2019		
Standard	Are certificates of occupancy provided for each building or ancillary structure?		
Evidence			
Question	Are openings and penetrations through rated walls and/or assemblies protected?		
Level(Priority Level)	High		
Non-Compliance Level	3		
Description	All the doors in the floor opening were found fire rated but one vertical opening has been found in Main Production Building and penetrations through fire-rated assemblies are properly sealed with a fire stop system which is found in assessed structures.		
Source of Findings	Visual Assessment: One vertical opening has been found in Main Production Building. All the penetrations through rated walls have been found fire rated.		
Suggested Plan of Action	Provide appropriate fire resistance rated opening protection and firestop assemblies at vertical openings in accordance with Nirapon Policy Sections 4.6 and 4.7. Consult a qualified fire protection engineer to design the required penetration systems.		
Suggested Deadline Date	31 Jul 2019		
Standard	Includes doors, windows, ducts, piping, etc. Reference Alliance Standards Part 4 Section 4.6 Opening Protectives and Section 4.7 Penetrations		
Evidence	 Openings 02 Vertical Opening Penetrations 01		

	Openings 01  Penetrations 02
Question	Are separations between hazards provided with fire-resistive rated construction barriers.
Level(Priority Level)	Medium
Non-Compliance Level	1
Description	Different occupancy has been seen on the 3rd floor of the 7-storied Main Production Building. On the 3rd-floor, we have found a Store area (Finish Goods Area), Workers dining and Prayer Room without fire-resistive rated construction barriers.
Source of Findings	Visual Assessment: The fire rated separation is required in between Store area (Finish Goods Area), Workers dining and Prayer Room at the 3rd floor of Main Production Building.
Suggested Plan of Action	Provide fire-resistive rated construction barriers between the Store area (H2), Workers dining(E4) and Prayer Room(E4), dining BNBC part-3, Table- 3.2.1 and Nirapon Policy 4.5. Consult a qualified fire protection engineer to design the required rated construction barrier.
Suggested Deadline Date	31 Jul 2019
Standard	Reference Alliance Standards Part 4 Section 4.5 Separation
Evidence	  Different occupancy 01 Different occupancy 02
Fire Safety Report - Fire Protection Systems	
Question	Does the building have a Standpipe System?
Level(Priority Level)	High
Non-Compliance Level	3
Description	The standpipe system is required in 7-storied "Main Production Building with Mezzanine" where the height of the highest occupied floor is around 73 feet.



Source of Findings	Visual Assessment: Considering building height the standpipe system is required in 7-storied "Main Production Building with Mezzanine". But the standpipe system has not been installed yet.
Suggested Plan of Action	Install a standpipe system at required locations designed by a qualified fire protection engineer. Standpipe system must comply with the requirements of NFPA 14.
Suggested Deadline Date	31 Jul 2019
Standard	Does the building have a standpipe system installed where required. Alliance Standard Part 5 Section 5.4.2
Evidence	
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.
Level(Priority Level)	Low
Non-Compliance Level	1
Description	The standpipe system has not installed yet. Considering building height the standpipe system is required in 7-storied "Main Production Building with Mezzanine".
Source of Findings	Visual Assessment: The standpipe system has not installed yet in 7-storied "Main Production Building with Mezzanine".
Suggested Plan of Action	First of all, install the standpipe system at the required structures. Once installed, establish an inspection, maintenance, and testing program for the standpipe and hose system. The program must comply with the requirements of NFPA 25.
Suggested Deadline Date	31 Jul 2019
Standard	Reference NFPA 25 Chapter 6 Standpipe and Hose Systems Table 6.1.1.2
Evidence	
Question	Is signage for the standpipe system installed at required locations and on required components?
Level(Priority Level)	Low
Non-Compliance Level	1
Description	The standpipe system has not installed yet. Considering building height the standpipe system is required in 7-storied "Main Production Building with Mezzanine".
Source of Findings	Visual Assessment: The standpipe system has not installed yet in 7-storied "Main Production Building with Mezzanine".
Suggested Plan of Action	First of all, install the standpipe system at the required structures. Once installed, provide permanent signage of the standpipe system on required components as per NFPA-14, chapter-6, section 6.3.8.
Suggested Deadline Date	31 Jul 2019
Standard	Reference NFPA 14 Chapter 6
Evidence	
Question	Standpipe system piping is free of mechanical damage, leakage, and corrosion?

Level(Priority Level)	Medium
Non-Compliance Level	1
Description	The standpipe system has not installed yet. Considering building height the standpipe system is required in 7-storied "Main Production Building with Mezzanine".
Source of Findings	Visual Assessment: The standpipe system has not installed yet in 7-storied "Main Production Building with Mezzanine".
Suggested Plan of Action	Install a standpipe system at required locations designed by a qualified fire protection engineer. Standpipe system must comply with the requirements of NFPA 14. Then keep maintenance of the system as per NFPA 14 and NFPA 25.
Suggested Deadline Date	31 Jul 2019
Standard	NFPA 25 Chapter 6 Standpipe and Hose Systems
Evidence	
Question	Are fire department connections provided and clearly identified for the Fire Protection Systems?
Level(Priority Level)	Medium
Non-Compliance Level	3
Description	The standpipe system has not installed yet. Considering building height the standpipe system is required in 7-storied "Main Production Building with Mezzanine".
Source of Findings	Visual Assessment: The standpipe system has not installed yet in 7-storied "Main Production Building with Mezzanine".
Suggested Plan of Action	First of all, install the standpipe system at the required structures. Once installed, provide fire department connections along with identification signage of Fire Department (Siamese) connections in accordance with Nirapon Policy Section 5.5.4. Connections shall match the Fire Service and Civil Defense hose thread standard.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standard Part 5 Section 5.5.4 Fire Department Connections
Evidence	
Question	Does the building have a fire pump?
Level(Priority Level)	High
Non-Compliance Level	3
Description	The standpipe system has not installed yet. Considering building height the standpipe system is required in 7-storied "Main Production Building with Mezzanine".
Source of Findings	Visual Assessment: The fire pump has not installed in the factory.
Suggested Plan of Action	Install a dedicated fire pump for the facility in accordance with NFPA 20. Also, to supply the demands of the connected fire protection systems along with a stored source of water sufficient to meet the demands in accordance with NFPA 22. Fire pump installation is to be tested for final acceptance in presence of Nirapon and a final inspection of the installation shall be conducted by the Nirapon vetted QAF prior to final acceptance of the



	installation by the Nirapon as per clause 5.5.5. Acceptance testing of the installation shall be in accordance with NFPA 20, 22, and 25 testing requirements. Documentation of all testing shall be submitted to the Nirapon vetted QAF for review prior to final acceptance by the Nirapon.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standard Part 5 Fire Protection Systems
Evidence	
Question	Are inspection, maintenance, and testing procedures of the fire pump documented and up to date?
Level(Priority Level)	Low
Non-Compliance Level	1
Description	The standpipe system has not installed yet. Considering building height the standpipe system is required in 7-storied "Main Production Building with Mezzanine".
Source of Findings	Visual Assessment: The fire pump has not been installed in the factory.
Suggested Plan of Action	Once a dedicated fire pump is installed, establish an inspection, testing, and maintenance program for the fire pump. The program must comply with NFPA 25-Table 8.1.1.2.
Suggested Deadline Date	31 Jul 2019
Standard	Reference NFPA 25 Chapter 8 Fire Pumps
Evidence	
Question	Fire extinguishers are inspected, tested, and maintained as required.
Level(Priority Level)	Medium
Non-Compliance Level	3
Description	Plan and record of inspection, maintenance and testing of fire extinguishers have not been found in the factory during the assessment.
Source of Findings	Document Review: Inspection, maintenance and testing documents of fire extinguishers were not found in the factory.
Suggested Plan of Action	Establish an inspection, testing, and maintenance program for all fire extinguishers. The program shall comply with the requirements of NFPA 10 Chapter 7.
Suggested Deadline Date	31 Jul 2019
Standard	NFPA 10 Chapter 7
Evidence	
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?
Level(Priority Level)	Medium
Non-Compliance Level	1

Description	The automatic fire alarm and detection system has not been installed in the assessed structures.
Source of Findings	Visual Assessment: CFDS was not found in the factory building.
Suggested Plan of Action	First of all, install a new automatic fire alarm and detection system. Once installed, arrange for direct connection of the fire alarm and detection system to a central station monitoring service or the Fire Service and Civil Defense as per Nirapon Policy Part 5 Section 5.7.5 Monitoring. Until that time that a central station monitoring service or direct connection to the Fire Service and Civil Defence can be set up, a person trained to contact the Fire Service and Civil Defence in the event of fire alarm activation shall be provided. An annunciator shall be located in a constantly attended location (such as a fire control room) to alert this person.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standard Part 5 Section 5.7.5 Monitoring
Evidence	
Question	Trouble or alarm notifications were not indicated on the fire alarm control panel.
Level(Priority Level)	High
Non-Compliance Level	3
Description	The automatic fire alarm and detection system has not installed yet in the assessed structure of the factory.
Source of Findings	Visual Assessment: No CFDS facility is provided in these assessed structures.
Suggested Plan of Action	Install an automatic fire alarm and detection system for the facility and its need to be free from faulty alarm/trouble alarms. The system shall comply with the Nirapon Policy and NFPA 72. Consult a qualified fire protection engineer and/or authorized fire alarm company to design and install the system.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standard Part 13 Section 13.10 Maintenance of Fire Protection Equipment
Evidence	
Question	Are notification and initiation devices for the fire alarm system installed at required locations based on occupancy type?
Level(Priority Level)	High
Non-Compliance Level	3
Description	The automatic fire alarm and detection system has not installed yet in the assessed structure.
Source of Findings	Visual Assessment: No CFDS facility is provided in these assessed structures.
Suggested Plan of Action	Install initiating devices and notification appliances as required by the Nirapon Policy and NFPA 72. Devices should be part of an automatic fire alarm and detection system for the facility. All fire alarm installations shall be submitted for review by the Nirapon vetted QAF prior to the commencement of installation.
Suggested Deadline Date	31 Jul 2019
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

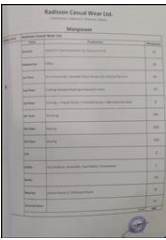
Evidence	
Fire Safety Report - Means of Egress	
Question	Emergency power for means of egress illumination is verified at least once per year. If battery operated lights are used, these lights are tested on a monthly basis. Functional testing of battery powered lights is provided for a minimum 90 min once per year.
Level(Priority Level)	Medium
Non-Compliance Level	3
Description	Emergency power for means of egress illumination is verified on site by lux testing and found ok. The lux testing documents found on site which is not checked or recorded as per standard and 90 min battery functional testing documents have not been found on the site during the assessment.
Source of Findings	Visual Assessment: Updated illumination testing and 90 min battery functional testing records have not been seen on site for emergency light during this assessment.
Suggested Plan of Action	Develop a testing and maintenance program that ensures the emergency power for all egress lighting is tested at least once per year. If battery operated lighting is used, make sure these lights are tested on a monthly basis. Functional testing of battery powered lighting is provided for a minimum 90 min once per year. 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. Testing shall be conducted and documented in accordance with Nirapon Policy 3.6.5.1 and 10.12.2.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting
Evidence	 Illumination testing doc 01 Illumination testing doc 02
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.
Level(Priority Level)	Medium
Non-Compliance Level	3
Description	Emergency power for exit signs illumination is verified on site by lux testing and found ok. The lux testing documents found on site which is not recorded or checked as per standard and 90 min battery functional testing documents have not been found on the site during the assessment.
Source of Findings	Visual Assessment: Updated illumination testing and 90 min battery functional testing records have not been seen on site for the emergency exit signs during this assessment.
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. Testing shall be conducted and documented in accordance with Nirapon Policy 3.6.5.1 and 10.12.1.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.
Evidence	
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.
Level(Priority Level)	High
Non-Compliance Level	2
Description	In the Main Production Building, One stair landings (Half Space Landing) have been found less than the stair width. In the stair-1, the width of the stair is 71 inches but stair Landings (Half Space Landing) found 64 inches at all of the floors.
Source of Findings	Visual Assessment: Stair Landings (Half Space Landing) are not provided with the same width of the stair-1 at all of the floors of "Main Production Building".
Suggested Plan of Action	Provide the stair landing in accordance to Nirapon Policy-6.9.2.2.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standard Part 6 Section 6.9 Stairs and Section 6.5
Evidence	 Stair width at stair-1 Half Space Landing 01 Half Space Landing 02 Half Space Landing of Stair-01
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.
Level(Priority Level)	Medium
Non-Compliance Level	1
Description	Within all assessed structures, re-entry access is required in 7-storied "Main Production Building". But re-entry access has not been provided in this building.
Source of Findings	Visual Assessment: There are no re-entry access facilities in the 7-storied "Main Production Building"
Suggested Plan of Action	Provide re-entry to floor levels from the stairwells in accordance with Nirapon Policy.
Suggested Deadline Date	31 Jul 2019

Standard	Alliance Standards Part 6 Section 6.8 Doors and Gates
Evidence	
Fire Safety Report - Fire Safety Programs	
Question	Chemicals and other flammable materials are stored within approved enclosures.
Level(Priority Level)	Medium
Non-Compliance Level	3
Description	In the Main Production Building, we have found one chemical store room on the 1st floor and one Sub-Store room with Mezzanine on the ground floor(East-south corner). In the main chemical store-room, they stored flammable materials like sodium metabisulfite and besides this chemical store-room, they stored garments(goods) which are also combustible materials. In between the chemical Store Room to garments store areas, separation is provided by a non-rated steel door and an occupancy separation is required as per standard. In the chemical Sub-store room with mezzanine, they stored sodium meta bi-sulphate, soda ASH, Anti backsaipar powder in Ground and color dyes in Mezzanine floor. Separation is also provided by grill fence.
Source of Findings	Visual Assessment: Chemicals and other flammable materials have not been stored within approved enclosures.
Suggested Plan of Action	Provide approved enclosures at Chemical Store and separation in between chemical Store Room to garments store areas in accordance to BNBC part-3, Table-3.2.1. Consult a qualified fire protection engineer to design the approved enclosures.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standard Part 3 Section 3.4.2.1.8 Flammable and Combustible Liquid
Evidence	 Chemical Room 01  flammable materials_sodium metabisulfite  Chemical storage  Chemical Sub-store room with mezzanine  chemical Sub-store room with mezzanine 01  Chemical Sub-store room with mezzanine 02
Question	A Fire Safety Director position has been filled.
Level(Priority Level)	Low



Non-Compliance Level	1
Description	The position of fire safety director has not been filled yet.
Source of Findings	Visual Assessment: A dedicated person has not been appointed and assigned for the fire safety issues.
Suggested Plan of Action	Create a Fire Safety Director position and fill the position with an individual that has had sufficient training to be able to carry the required duties.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standards Part 13 Section 13.1 Fire Safety Director
Evidence	
Question	Fire Department pre-planning has been completed.
Level(Priority Level)	Low
Non-Compliance Level	1
Description	Fire department pre-planning has not been completed by communicating and consulting with the local Fire Service and Civil Defense authority.
Source of Findings	Visual Assessment: Fire department pre-planning has not been completed yet.
Suggested Plan of Action	Complete fire department pre-planning activities with the local Fire Service and Civil Defense.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standards Part 13 Section 13.1 Fire Safety Director
Evidence	
Question	Are the required number of people trained and certified in fire fighting, first aid, and rescue training by the appropriate authority.
Level(Priority Level)	High
Non-Compliance Level	3
Description	The required number of people are not trained and certified in fire fighting, first aid, and rescue training by the appropriate authority. But during the assessment, we have been found some workers training attendance sheet.
Source of Findings	Document Review: Presently, 992 workers are working in the factory. Among them, only 40 persons are trained by the local Fire Service and Civil Defense authority and that is below 18% of the total worker as well as their certificates have not been found in the factory.
Suggested Plan of Action	Train and certify the required number of people (18% of total workers) in fire fighting, first aid, and rescue training by the appropriate authority in accordance with the Nirapon Safety Training Curriculum Part 13 Human Element Programs.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standard Part 13 Human Element Programs

Evidence	   Training attendance sheet 01 Training attendance sheet 02 Occupant List
Question	A hot-work permit program has been established.
Level(Priority Level)	Low
Non-Compliance Level	3
Description	Hot-work program policy and Hot-work permit form have not been found in the factory during the assessment.
Source of Findings	Visual Assessment: The hot-work program policy has not reviewed due to unavailability.
Suggested Plan of Action	The hot Work policy program needs to be established in the factory premises as well as permit program shall be enforced for all RMG facilities in accordance with NFPA 51B.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B
Evidence	
Question	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.
Level(Priority Level)	Medium
Non-Compliance Level	3
Description	The factory has not received the Nirapon Safety Training Curriculum and safety training has not conducted yet.
Source of Findings	Visual Assessment: Nirapon Safety Training has not been received yet.
Suggested Plan of Action	The factory shall be contacted with Nirapon for Safety Training Curriculum and need to prepare all the training documents in accordance with the Nirapon Safety Training Curriculum as per Nirapon Policies Part 13.
Suggested Deadline Date	31 Jul 2019
Standard	Alliance Standards Part 13
Evidence	