












FIRE SAFETY FOLLOW UP INSPECTION





Factory Name	Ayesha Clothing Co. Ltd.		Accord ID	9713
Address	Jamgara, Gazirchot Alia Madrasha, Ashulia			
Inspection Date	03/05/2014	Report Received Date		
Date of 1st Follow-up	09/11/2015	Date of 2nd Follow-up	10/03/2016	
Date of 3rd Follow-up	11/04/2017	Date of 4th Follow-up	23/07/2017	
Date of 5th Follow-up	30/07/2018	Date of 6th Follow-up	18/11/2018	
Date of 7th Follow-up		Date of 8th Follow-up		
Date of 9th Follow-up		Date of 10th Follow-up		
Date of 11th Follow-up		Date of 12th Follow-up		
Date of 13th Follow-up		Date of 14th Follow-up		
Inspected by	Noshin Tabassum			





Item No	Accord Observation	Accord Recommendation	Timeline given by Accord	Comments after Physical Inspection	Supposed to complete(DD/MM/YYYY)	Final Action Plan (Factory)	Status on the date of Inspection	Pictorial Evidence
1	There are two exit access corridors. One passage is serving an occupant load exceeding 30 on the ground floor and is not separated by walls having a fire-resistance rating of 1 hr.	Provide fire-resistive rated assemblies at the required exit access corridors. The rated assembly should be approved and/or designed by a qualified fire protection engineer. Exit access corridors serving an occupant load exceeding 30 are to be separated by walls having a fire resistance rating of 1 hr unless provided with automatic sprinkler protection throughout the story or building. Window and glass block assemblies are to be tested fire rating following NFPA 257.	9/4/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected as per previous follow-up. On 30/07/2018: Corrected as per previous follow-up. On 18-11-2018: Corrected as per previous follow-up.	'13/03/2016	Corrected	Corrected	
2	Exterior exit stairways are not separated from the building with the required rating. The rating of the exterior wall shall extend 3.05 m (10.0 ft) beyond the ends of the staircase structure.	Provide a fire-resistive rated assembly between the exterior exit stairways and the building up to 10 ft beyond the end of the stair to achieve the required separation. The rated assembly should be approved and/or designed by a qualified fire protection engineer.	9/4/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 30/07/2018: Refer to issue no: 51. On 18-11-2018: Refer to issue no: 51.	'13/03/2016	Corrected	Corrected	
3	Electrical equipment is installed in Stair 5 and Stair 6 in the Mir Building.	Remove electrical equipment at the base of Stair 5 and Stair 6 in the Mir Building. This equipment should be relocated to a dedicated electrical room.	12/31/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 30/07/2018: Refer to issue no: 54. On 18-11-2018: Refer to issue no: 54.	'13/03/2016	Corrected	Corrected	
4	The exit capacity for the Mir Building is deficient on floors 2, 3, 4, and 6.	Either reduce the population on each of these floors to a maximum of 558 occupants per floor or add an additional exit stair capacity for this building.	12/31/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	






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5	In the main building, the lift core shaft is not fire rated. Some wooden boards have been fixed to close the shaft doors.	Provide a shaft enclosure of the required rating by constructing the enclosure with rated material of required thickness. Protect the openings of shaft enclosure by providing rated opening protectives.	9/4/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected as per previous follow-up. Lift shaft at stair-1 shall be sealed. On 30/07/2018: Corrected as per previous follow up. On 18-11-2018: Corrected as per previous follow up.	'13/03/2016	Corrected	Corrected	
6	Sliding metal security doors are installed. Some metal swinging doors with panic hardware are being installed. These doors are unlabeled, unlisted and not approved. There are some doors in means of egress which are not of the side-hinged swinging type. Sliding shutter and collapsible doors are available.	Replace all non-compliant doors and frames in the means of egress with doors that are listed, approved, automatic-closing, side-swinging, fire rated doors in compatible fire rated frames with latching panic hardware.	9/4/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
7	There are hasps, locks, or slide bolts at non-rated exit doors in the direction of means of egress, but all fire doors are not locked under any conditions.	Remove all hasps, locks, slide bolts, or other locking devices from all sliding doors and collapsible gates.	6/26/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
8	Interior exit stairways are terminating through non-rated exit passageways to exterior discharge. Among eight interior exit stairs only one exit stair discharges directly to the exterior of the building	Construct required rated walls and slabs for the open exit passageways. Cover the openings in exit passageway by opening protective.	9/4/2014 12:00:00 AM	On 10/03/16: Partially corrected. Civil construction and fire door installation is completed. Interfacing with fire alarm is going on. Final CAP Timeline: Expired. Committed Timeline: Within 13 April, 2016. On 11/04/17: Same like last follow up. On 23/07/2017: Factory has installed fire doors but doors were found open through some external sources. Besides doors were not closing properly as door coordinators were not fully functional. Stair-1 and 7 still discharge inside the building. On 30/07/2018: Fire doors were found open by external source. Civil work is going on at ground floor for separation of stair-1 & 7. On 18-11-2018: Partially corrected. Fire door installation has been almost completed. The bottom gap of the fire door shall be as per standard.	'13/04/2016	In progress We are keeping all the fire door closed. Civil work is going on for separation and will be completed by 30th November 2018.	In Progress	


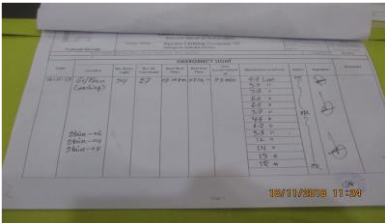


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9	Door widths are more than 0.8m. Visually, some of the doors appear to be fire doors. However, no credible certificate is available. Fire doors of proper rating are required in accordance with section 6.3.1.2.2 and 4.6. There are non-rated doors present at each floor of the main building.	Provide 1 hr fire protective opening assemblies in 1 hr rated exit enclosure. Provide 1.5 hr fire protective opening assemblies in 2 hr rated exit enclosure. Exits connecting three or fewer stories shall be enclosed with a minimum 1-hr fire resistance rating. Exits connecting four or more stories shall be enclosed with a minimum 2-hr fire-resistance rating. Exits shall be enclosed with the same fire-resistance rating as the floor penetrated but will not need to exceed 2 hr. Provide fire door of required rating to access the corridor.	9/4/2014 12:00:00 AM	On 10/03/16: Partially corrected. Civil construction and fire door installation is completed. Interfacing with fire alarm is going on. On 11/04/17: Partially corrected. Civil construction and fire door installation is completed. Interfacing with fire alarm is going on. On 23/07/2017: Factory has installed fire doors but doors were found open through some external sources. Besides doors were not closing properly as door coordinators were not fully functional. On 30/07/2018: Factory has installed fire doors but doors were found open through some external sources. Besides, door accessories were not functional in proper way & found out of order. On 18-11-2018: In progress. Fire door has been installed but door accessories were not functional in few places. Factory has informed that magnetic door holder are in house and installation will be started very soon. However the bottom gap of fire doors shall be as per standard.	*13/04/2016	Corrected We are keeping all the fire door closed.	In Progress	
10	There are eight exit stairways available at the main building. Only one of these exit stairways discharges directly to the exterior of the building.	Provide rated exit passageway (protected path of egress) from the exit enclosure to the public way. The rating of the exit 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.	9/4/2014 12:00:00 AM	On 10/03/16: Partially corrected. Civil construction and fire door installation is completed. Interfacing with fire alarm is going on. Final CAP Timeline: Expired. Committed Timeline: Within 13 April, 2016. On 11/04/17: Partially corrected. Civil construction and fire door installation is completed. Interfacing with fire alarm is going on. On 23/07/2017: Factory has installed fire doors but doors were found open through some external sources. Besides doors were not closing properly as door coordinators were not fully functional. On 30/07/2018: Factory has installed fire doors but doors were found open through some external sources. Besides, door accessories were not functional in proper way & found out of order. On 18-11-2018: Not corrected yet.	*13/04/2016	Corrected We are keeping all the fire door closed.	In Progress	
11	At utility prefabricated shed building there are high windows, low window grill, louver, penetration, ducts, and other openings, and all exits are non-rated. Some non-rated openings were found at lift wall and chemical store room in main building.	Provide opening protectives at all windows and other openings on all fire rated walls across the entire premises. Close these openings if they are not required.	9/4/2014 12:00:00 AM	On 10/03/16: Partially corrected. Civil construction and fire door installation is completed. Interfacing with fire alarm is going on. On 11/04/17: Interfacing with fire alarm is going on. On 23/07/2017: Civil work and fire door installation work is in progress. On 30/07/2018: Unsealed opening has been found in different locations. Factory shall separate the chemical storage area as per recommendation. On 18-11-2018: Corrected. Chemical room has been separated .	*13/04/2016	Corrected Unsealed opening are closed and chemical storage area are separated by fire rated door and barrier.	Corrected	



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12	Class I standpipe system (65 mm hose connection) is not installed at stairwells in any floor level including occupiable roof. There is available Class II stand pipe system in the floors of the main buildings. 40 mm fabric hoses are connected with underground water reservoir. At the roof, the hose was tested and length of jet was found to be 50 feet, which is equivalent to 4.5 bars. Hose size, pressure and water capacity are sufficient.	Install a standpipe system at required locations designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14. The hydraulic calculations should be reviewed by Alliance prior to start of work. All standpipe system installations shall be submitted for review by the Alliance for review prior to commencement of installation. Testing of the installation shall be conducted in accordance with NFPA 14 acceptance testing requirements. Documentation of all testing shall be submitted for review by the Alliance. Final inspection and testing of the installation shall be witnessed by the Alliance as per clause 5.4.3.3.	9/4/2014 12:00:00 AM	<p>On 10/03/16: Partially corrected. Design has been reviewed from Alliance and installation is complete. Only testing and commissioning is balanced.</p> <p>On 11/04/17: Partially corrected. Design has been reviewed from Alliance and installation is completed. Only testing and commissioning is balanced.</p> <p>On 23/07/2017: Design was reviewed from Alliance. Installation work is in progress.</p> <p>On 30/07/2018: T&C Comments (Not limited to): Non listed valve accessories was observed; As built drawing not match with site installation; improper hydraulic calculation; every exit stair not covered with class-III standpipe & hose box; sprinkler system installation not meet with standard; control valves of fire fighting system not electrically supervised with FACP .</p> <p>On 18-11-2018: In progress. Work is in progress regarding modifying the system into positive suction.</p>	'13/04/2016	In-progress We just got approval for fire pump room & reservoir drawing from Accord on 7th October, 2018 and accordingly we have started the civil work of pump room & Reservoir to finish the job before December 18.	In Progress	 
13	There are 8 exit stairs available in the main building. None of the available exit enclosures are fire rated. Glass swing doors are installed.	Provide 2 hr fire-resistive rated construction barriers at exit enclosures. Fit outward opening, side-swinging, self-closing, non-lockable fire doors of 1.5 hr rating in all stairwell enclosures. Consult a qualified fire protection engineer to design the required rated construction barriers.	9/4/2014 12:00:00 AM	<p>On 10/03/16: Partially corrected. Factory has removed glass doors. Civil construction and fire door installation is completed. Interfacing with fire alarm is going on.</p> <p>On 11/04/17: Same as last follow up. Glass doors have been removed. Interfacing is going on.</p> <p>On 23/07/2017: Factory has installed fire doors but doors were found open through some external sources. Besides doors were not closing properly as door coordinators were not fully functional.</p> <p>On 30/07/2018: Factory has installed fire doors but doors were found open through some external sources. Besides, door accessories were not functional in proper way & found out of order. Exit stair enclosure shall be enclosed with proper fire rated construction in all floors.</p> <p>On 18-11-2018: In progress. Fire door has been installed but door accessories were not functional in few places. Factory has informed that magnetic door holder are in house and installation will be started very soon. However the bottom gap of fire doors shall be as per standard.</p>	'13/04/2016	Corrected We are keeping all the fire door closed.	In Progress	
14	A fire pump is available with a jockey pump installed on the ground floor with alternative backup power. However, it does not comply with the requirements of the Alliance Standards and NFPA 20. Hydraulic calculation for installed standpipe and sprinkler systems are also not available.	Install a pump dedicated for fire fighting or fire protection following the requirements of NFPA 20. Fire pump installation is to be tested for final acceptance in presence of Alliance and a final inspection of the installation shall be conducted by the Alliance prior to final acceptance. Acceptance testing of the installation shall be in accordance with NFPA 20, 22, and 24 testing requirements. Documentation of all testing shall be submitted to the Alliance for review prior to final acceptance. This pump is to be connected to an alternative power source like a generator and the generator is to be connected with ATS (auto starter).	9/4/2014 12:00:00 AM	<p>On 10/03/16: Partially corrected. Design has been reviewed from Alliance and installation is complete. Only testing and commissioning is balanced.</p> <p>On 11/04/17: In progress.</p> <p>On 23/07/2017: Pump installation work is in progress. But factory has informed that they have only purchased the diesel pump. Other two are non listed.</p> <p>On 30/07/2018: T&C Comments (Not limited to): Horizontal split case fire pump was installed at negative suction lift, which not comply with NFPA 20. Fire pump was not found properly interfaced. Two electric pump used with different rated pressure without maintaining NFPA 20 requirement, Pressure control system & design shall comply with NFPA 20.</p> <p>On 18-11-2018: In progress. Work is in progress regarding modifying the system into positive suction.</p>	'13/04/2016	In-progress We just got approval for fire pump room & reservoir drawing from Accord on 7th October, 2018 and accordingly we have started the civil work of pump room & Reservoir to finish the job before December 18.	In Progress	





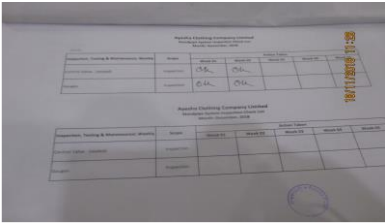
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15	There is a manual fire alarm system in the main building. The system is activated by push buttons located at the entry to the stairs. The alarm system is designed for general evacuation, alerting all occupants at the same time through horns. Per the request of the local fire department battery powered smoke alarms have been provided throughout the building.	Install fire alarm system per NFPA 72. Include pull stations at all entrances to exit stairs, and at ground floor exits. Install strobes and horns for complete notification on all floors. Install smoke detectors that are part of the fire alarm system in locations required by Alliance standards. Provide a fire detection and alarm system control panel that will monitor the following: automatic sprinkler system water flow activation, fire pump running, smoke/heat detectors, magnetic release of fire doors upon smoke detector or sprinkler operation.	12/31/2014 12:00:00 AM	On 10/03/16: Partially corrected. Design has been reviewed from Alliance and installation is almost completed. Interfacing with fire door is going on and testing and commissioning is balanced. On 11/04/17: In progress. Design has been reviewed from Alliance and installation is almost completed. Interfacing with fire door is going on and testing and commissioning is balanced. On 23/07/2017: ACCORD reviewed design was available. Installation work is in progress. Interfacing pending. On 30/07/2018: T&C Comments (not limited to) : Power extender for NAC & installed cable is not 3rd party certified listed product ; system was not healthy to conduct T&C & as built drawing not match with site installation. Moreover, NAC was not properly supervised & EOLR found at wrong location; exhaust fan & fire pump is not properly interfaced with FACP; detector coverage was not found proper; device locations and quantities not matched with as-built drawing; inadequate sound level was found at fire pump room, 2nd floor cutting section, washing section & chemical store room. MCP was not installed at roof floor dining exit. On 18-11-2018: In progress. Factory has informed that they have opened L/C for Fire Alarm System.	'13/04/2016	In progress We are working on the below issue: Power extender for NAC & installed cable is not 3rd party certified listed product ; system was not healthy to conduct T&C & as built drawing not match with site installation. Moreover, NAC was not properly supervised & EOLR found at wrong location; exhaust fan & fire pump is not properly interfaced with FACP; detector coverage was	In Progress	
16	Document or certificate by appropriate authority (Bangladesh Fire Service and Civil Defense Directorate) for training on fire fighting, first aid and rescue is not available.	Train and certify at least 25 percent of workers in fire fighting, first aid, and rescue by the proper authority.	11/27/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
17	Some aisle widths on the 6th floor of the main building were found to be 0.75 m (2.5 ft), which is less than the required 0.9 m.	Remove existing aisle marking and draw new marking fulfilling the minimum aisle width requirement. Relocate the machines accordingly if necessary.	9/4/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
18	The width of some aisles was found to be less than 0.9 m on 6th floor of the main building. Thus the path of egress along the means of egress is reduced along the path of travel.	Remove aisle marking and mark aisles again so that these are not blocked by any permanent elements such as columns. Remove movable items blocking aisles.	8/25/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	






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19	The main building is an 8 story building. Two re-entry doors are necessary on the 2nd floor and 7th floor, but re-entry doors are not available.	Every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets the following requirements. Stairwell 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, reentry 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.	9/4/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
20	Handrails are not provided on both sides of stairway at any floor of the buildings.	Provide handrails on both sides of each stairway. Provide intermediate handrail when the stair width exceeds 2.2m (87 inch). Provide handrail of height between the range 865 mm (34 in.) and 965 mm (38 inch).	11/27/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
21	The utility prefabricated shed generator and gas cylinder room are not separated properly. Mobile generator directly opens to the walking space in front of the main building and utility building without fire separation. Flammable materials(1500 liter diesel) directly open to the main building corridors without separation. The main building chemical store is very close to the production area and finished goods without fire rated construction barriers.	Provide fire-resistive 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.	11/27/2014 12:00:00 AM	On 10/03/16: Partially corrected. Diesel store, gas cylinder and mobile generator has been removed. At chemical store, civil construction and fire door installation is completed. Interfacing with fire alarm is going on. On 11/04/17: Partially Corrected. Diesel store, gas cylinder and mobile generator has been removed. Interfacing with fire alarm is going on. On 23/07/2017: Civil work and fire rated door installation work is in progress. On 30/07/2018: Interfacing of fire door has not been completed yet. Chemical storage area shall be separated properly by fire rated construction. On 18-11-2018: Partially corrected. Fire rated separation has been provided in chemical room. Fire door has been installed for finish goods store but few doors were not working properly and the bottom gap of fire doors shall be as per standard.	'13/04/2016	In progress we are keeping all fire door closed. But interfacing work is going on and will be completed by 30th November 2018	In Progress	
22	1. Exit of childcare is in front of the store room and childcare corridor is not properly fire rated. 2. Flammable materials are not stored as per MSDS (Material Safety Data Sheet). 3. Assembly point is not marked properly. 4. Main building is adjacent to market place without fire separation.	(1) Close the door of childcare to the store. Provide proper fire rating in the walls and ceiling of childcare. (2) Store the flammable material as per MSDS. (3) Provide proper marking of assembly point. (4) Provide proper fire rating between the wall of main building and adjacent marketplace.	8/31/2014 12:00:00 AM	On 10/03/16: Partially corrected. Day care room has been shifted, civil construction and fire door installation is completed at flammable material store and civil construction is completed between the wall of main building and adjacent market place. On 11/04/17: Interfacing is needed. On 23/07/2017: Installed fire doors at chemical room on ground floor are not interfaced yet and were found open through some external sources. On 30/07/2018: Interfacing of fire door has not been completed yet. Chemical storage area shall be separated properly by fire rated construction. On 18-11-2018: Corrected. Fire door has been installed in chemical room. Note: Factory shall install magnetic door holder if they keep the door open.	'13/04/2016	In progress we are keeping all fire door closed. But interfacing work is going on and will be completed by 30th November 2018	Corrected	






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23	Installation of fire alarm and detection system is ongoing.	Provide an automatic fire alarm and detection system per NFPA 72 and arrange for direct connection of the system to a central station monitoring service or the Fire Service and Civil Defense. Until that time that a central station monitoring service or direct connection to the Fire Service and Civil Defense can be set up, a person shall be assigned to contact the fire department in the event of fire alarm activation. An annunciator shall be located in a constantly attended location (such as a fire control room) to alert this person.	7/10/2014 12:00:00 AM	On 10/03/16: Partially corrected. Design has been reviewed from Alliance and installation is almost completed. Interfacing with fire door is going on and testing and commissioning is balanced. On 11/04/17: Partially corrected. Design has been reviewed from Alliance and installation is almost completed. Interfacing with fire door is going on and testing and commissioning is balanced. On 23/07/2017: Installation work is in progress. Interfacing work is still pending. Design reviewed from ACCORD. On 30/07/2018: Comments same as issue no 15. On 18-11-2018: Factory shall follow issue no 15.	'13/04/2016	In progress We are working on the below issue: Power extender for NAC & installed cable is not 3rd party certified listed product ; system was not healthy to conduct T&C & as built drawing not match with site installation. Moreover, NAC was not properly supervised &	In Progress	
24	Combustible materials are stored underneath the cutting tables.	Remove all combustibles stored underneath the cutting tables at the noted locations.	7/8/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017:Corrected. As per previous follow-up. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
25	Fire drills are conducted every month but not under the direction of an authorized Fire Safety Director. Documentation related to fire drill is available.	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. All other requirements for fire drills shall be conducted in accordance with BNBC Part 4 Appendix A.	7/8/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
26	No record of training program is available on fire safety.	Impart training in accordance with Alliance Safety Training Curriculum and keep record with proper documentation.	7/10/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
27	No record of developing and communicating any emergency evacuation plan has been found, but factory authority claims that they have done this.	Develop an emergency evacuation plan which includes duties and responsibilities of various people/groups, interfacing between groups and fire brigade, headcount and identification of trapped victims, physically disabled people and their rescue, etc. and all components required by the Alliance Standards and communicate the plan to all employees. The evacuation plan shall include provisions to assist physically disabled persons. A list of all employees with physical disabilities shall be kept by the Fire Service Director.	7/10/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	


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28	Aisles, corridors, exit doors and stairways are provided with required means of illumination but emergency power is not provided for a sufficient number of bulbs, therefore in case of power failure or load shedding, all the paths of egress will not be illuminated as required. Moreover, illumination signs are insufficient in number.	Install appropriate means of illumination at the noted locations. The means of egress shall be illuminated at all times the building is occupied. Illumination shall be a minimum of 10 lux for all corridors, exit doors, and stairways. Aisles shall be provided with a minimum 2.5 lux.	11/27/2014 12:00:00 AM	On 10/03/16: Work in progress. Factory needs to maintain proper illumination all through the factory. On 11/04/17: Partially Corrected. Need to add more lights. On 23/07/2017: In progress. On 30/07/2018: Not adequate yet. On 18-11-2018: Work is in progress.	'13/04/2016	Corrected	In Progress	
29	Record of verifying emergency power for means of egress illumination was found but it is not as per Alliance Standard.	Develop a testing and maintenance program that ensures the operation of all exist lights 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.	7/10/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
30	The roof is occupied by the dining area. More than 60% of roof area is open. A parapet is provided but its height is limited to 825mm (33 inches).	Provided parapets or guards for all occupied roofs of a minimum height of 1067 mm (42 in.).	11/27/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected as per previous follow-up. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
31	Illumination signs are insufficient in numbers. 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.	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.	11/27/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected as per previous follow-up. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
32	No plan or record of conducting periodic testing for the emergency battery backup for illumination of exit signs was found.	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 signs are tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 minutes once per year.	7/10/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	



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33	Extinguishers are inspected monthly by the factory's concerned people, but no document was found in support of i) annual maintenance of extinguishers by a servicing agent and ii) annual testing of nozzle of CO2 extinguisher. These are required as per NFPA 10.	Fire extinguishers are to be inspected, tested, and maintained in accordance with NFPA 10 Chapter 7.	11/27/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
34	Occupant loads are not posted in every assembly and production floor as required.	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.	7/10/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. Note: Occupant load not found at roof top dining area. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
35	Some exit signs do not have appropriate illumination levels and contrasting graphics as required.	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.	11/27/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected as per previous follow-up. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
36	Stair designation signs are not provided at each floor entrance from the stairway to the floor in English and Bengali.	Install signage adjacent to each stair door indicating the stair name and the floor level at the noted locations.	7/10/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
37	Fire department pre-planning was not found.	Complete fire department pre-planning activities with the local Fire Service and Civil Defense.	7/10/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	

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38	Viable and physical presence ensures that a fire safety director position has been filled. However, no related document was available.	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. The duties of the Fire Safety Director shall include the following: (1) Establish internal and external rally points and communicate to all employees in the building. (2) Fire department pre-planning. (3) Conduct safety inspections as outlined in Alliance standard 13.9. (4) Ensure all testing of fire protection equipment is conducted in accordance with Alliance standard 13.10.	11/17/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
39	BERC license is not available, factory authority confirmed that they have applied for BERC waiver certificates. Total capacity of three generators is 2590 KW. Approved 7 story commercial building has been converted to industrial building without any approved load calculation (building approval authority is Savar Cantonment Board). Flammable materials stored are in excess of 2000 liters but there is no permission available. Steel frame on ground floor is unapproved.	Apply to BERC for waiver certificate, to Savar Cantonment Board for building approval and to Department of Explosives, Bangladesh for license of stored flammable materials.	7/10/2014 12:00:00 AM	On 10/03/16: Work in progress. Factory has applied for BERC license. On 11/04/17: Partially Corrected. Factory applied. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/04/2016	Corrected	Corrected	
40	Class III standpipe system is not installed in the building. Signage for the available class II standpipe system is not installed.	Install a standpipe system at required locations designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14. Install required identification signs at the noted locations. Signage must comply with NFPA 14 Chapter 6.	7/24/2014 12:00:00 AM	On 10/03/16: Partially corrected. Design has been reviewed from Alliance and installation is complete. Only testing and commissioning is balanced. On 11/04/17: Partially Corrected. Design has been reviewed from Alliance and installation is completed. Only testing and commissioning is balanced. On 23/07/2017: Installation work is in progress. Interfacing work and pump installation work is still in progress. Design was reviewed from Alliance. On 30/07/2018: Comments same as issue no: 12. On 18-11-2018: It is an integrated part of Fire Fighting System.	'13/04/2016	In-progress We just got approval for fire pump room & reservoir drawing from Accord on 7th October 2018 and accordingly we have started the civil work of pump room & Reservoir to finish the job by November 18.	In Progress	
41	Class III standpipe system is not installed in the building. Relevant documents were found for installed standpipe and hose system. However it is not fully complying with the Reference NFPA 25 Chapter 6 Standpipe and Hose Systems Table 6.1.1.2.	Install class III standpipe system at required locations designed by a qualified fire protection engineer. The system is to be compliant with the requirements of NFPA 14. Then establish an inspection, maintenance, and testing program for the standpipe and hose system. Program must comply with the requirements of NFPA 25 Chapter 6 Table 6.1.1.2.	11/17/2014 12:00:00 AM	On 10/03/16: Partially corrected. Design has been reviewed from Alliance and installation is complete. Only testing and commissioning is balanced. On 11/04/17: Partially corrected. Design has been reviewed from Alliance and installation is completed. Only testing and commissioning is balanced. On 23/07/2017: Installation work is in progress. Interfacing work and pump installation work is still in progress. Design was reviewed from Alliance. On 30/07/2018: Comments same as issue no: 12. On 18-11-2018: It is an integrated part of Fire Fighting System.	'13/04/2016	In-progress We just got approval for fire pump room & reservoir drawing from Accord on 7th October 2018 and accordingly we have started the civil work of pump room & reservoir to finish the job by November 18.	In Progress	
42	Relevant documents were found for installed fire pump. However, it does not fully comply with NFPA 25 Chapter 8.	Establish an inspection, maintenance, and testing program for the fire pump. Program must comply with NFPA 25.	11/27/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	

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43	Relevant documents were found although they are not established according to Section 13.6.	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 m ² (500 ft ²). Limit dense deposits to 6 mm (¼ in.) and oil saturated deposits to 3.2 mm (¼ in.).	2/19/2015 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
44	Hot-work permit program is not established yet, although it is required. However, hot-work is not going on in the factory right now.	Develop a hot-work permit program. The program must comply with the requirements of NFPA 51B. In general, this program should address the process of request and approval of authorities, necessary checks prior approval, standby fire watch and fire fighting equipment, sounding of alarm procedure, duration and expiry of permit and re-approval procedures, etc.	11/27/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
45	No occupancy certificate available for any building in the factory premises.	Apply to Cantonment Board for issuance of occupancy certificate and pursue the matter to expedite.	7/24/2014 12:00:00 AM	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: Corrected. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
46	New Finding: Areas used for combustible storage are not separated by fire rated construction. Areas include but are not limited to: 1st floor finishing section, 6th floor sewing unit	Provide dedicated storage rooms separated by minimum 1 hr. fire-rated construction. Where separate storage rooms are not feasible, provide defined storage arrangements as follows: Maximum height of 2.4m and maximum area of 25m ² if sprinkler protected. Maximum areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months	On 10/03/16: Corrected. On 11/04/17: Corrected. On 23/07/2017: In progress. Factory shall follow the recommended store arrangement. On 30/07/2018: Pile dimension area for in process storage is not maintained. On 18-11-2018: Corrected. During follow up inspection they were maintaining defined storage area. Note: Factory shall mark the storage area.	'13/03/2016	Corrected We are now maintaining the miscellaneous storage keeping criteria.	Corrected	
47	New Finding: An unused boiler is located near the childcare shed. It is not separated by fire-rated construction.	If boiler is to be abandoned as factory claims then remove it entirely. If boiler is to remain for future use, separate boiler by a minimum 2-hr. rated construction. Seal and/or protect all openings to maintain the required fire separations.	Within 3 months	On 10/03/16: Corrected. Day-care room has been shifted. On 11/04/17: Corrected. On 23/07/2017: Corrected. Day-care room has been shifted. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	

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48	New Finding : Insufficient landing space. Landing should be provided with the same width in the direction of egress travel as the stair clear width provided at each level and at intermediate landings that are less than the stair width, shall overall available capacity of the stair.	Modify stair landing to accommodate space for the door leaf to swing without posing a hazard to occupants. To ensure sufficient landing space, provide vestibules to install fire doors.	Within 3 months	On 10/03/16: It was found same as before. Final CAP Timeline: Expired. Committed Timeline: Within 13 April, 2016. On 11/04/17: Not Corrected. On 23/07/2017: In progress. On 30/07/2018: In Progress. On 18-11-2018: Corrected. Factory has modified the stair landing.	'13/04/2016	In progress we are already in the process of re arranging the fire doors and will be completed by 30th November 2018	Corrected	
49	New Finding: Room used for combustible storage are not separated by Fire- rated construction.	Provide dedicated storage rooms separated by minimum 1- hr fire-rated construction. Where separate storage rooms are not feasible. Provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.4m and maximum area of 23m2. - If sprinkler protected: maximum height of 3.66m2. Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months	On 10/03/16: Work in progress. Factory needs to provide proper fire separation at all rooms used for combustible storage. On 11/04/17: Work in progress. Factory needs to provide proper fire separation at all rooms used for combustible storage. On 23/07/2017: Dedicated store room was found on 1st and 5th floor without any separation with finishing section. Store room was found on ground floor where fire doors were found open through some external sources. On 30/07/2018: It was found same as before. On 18-11-2018: Fire door has been installed but door coordinators were not functional in few places. Magnetic door holder were in house but installation has not been started yet. The bottom gap of fire doors shall be as per standard.	'13/04/2016	Corrected We are keeping all the fire door closed.	In Progress	
50	New Finding: Oil drums located in egress path along washing shed.	Remove oil drums from egress path of separate the oil drums and/ or any other flammable liquied storage by minimum 2- hr. fire rated construction. Seal and. Or protect all opening to maintain the required fire separations.	Within 3 months	On 10/03/16: Corrected. Factory has removed the oil drums. On 11/04/17: Corrected. On 23/07/2017: Factory has provided separate room. On 30/07/2018: Corrected. On 18-11-2018: Corrected	'13/03/2016	Corrected	Corrected	
51	New Finding in 4th Follow-up: The exterior exit stair is not separated from the building.	Exterior exit stairs shall be separated by minimum 2-hr fire-rated construction and The rating of the exterior wall shall extend 3.05 m (10 ft.) beyond the ends of the stair structure. Provide minimum 1.5-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system	Within 1 month	New Finding On 30/07/2018: Not corrected. On 18-11-2018: In progress. Fire door has been installed. Magnetic door holder are in house and factory has informed that they will start installation very soon.	'23/08/2017	In progress we are keeping all fire door closed. But interfacing work is going on and will be completed by 30th November 2018	In Progress	
52	New Finding in 4th Follow-up: The fire pump room is not provided with adequate fire separation from machine store and egress path.	Provide fire pump room with 2 hr rated fire separation when not sprinklered and 1 hr rated fire separation when provided with automatic sprinklers in accordance with NFPA 20 Or, Physically separate the pump room from the protected building by a minimum of 50 ft. (15.3 m) in accordance with NFPA 20	Within 1 month	New Finding On 30/07/2018: Interfacing of fire door with FACP has not been completed yet. On 18-11-2018: It has been found same as before.	'23/08/2017	In progress we are keeping all fire door closed. But interfacing work is going on and will be completed by 30th November 2018	In Progress	

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53	New Finding in 4th Follow-up: Loading/unloading and car parking area is not separated by fire rated construction from the production building (1st floor) and exit stair-1 and 7.	Seal all the unseal penetrations and provide 1.5-hr fire door at the openings (Exits) where necessary to maintain proper fire separation.	Within 1 month	New Finding On 30/07/2018: In progress. On 18-11-2018: Partially corrected. Fire rated door installation has been almost completed.	'23/08/2017	In progress We are keeping all the fire door closed. Civil work is going on for separation and will be completed by 30th November 2018.	In Progress	
54	New Finding in 4th Follow-up: Storage was located in exit stair. (Electrical panel board and flower vase)	Remove storage from the exit stairs and egress path	Immediately	New Finding On 30/07/2018: Electrical panel and storage were found in exit stair enclosure. On 18-11-2018: Corrected.	'25/07/2017	Corrected Electrical panel board, flower vase and storage are removed from the exit stair enclosure.	Corrected	
55	New Finding in 4th Follow-up: Manual on-off switch is provided for [emergency lighting / exit signage] units.	Remove manual on/off switches from [emergency lighting / exit signage] units to prevent them from being switched off	Within 1 month	New Finding On 30/07/2018: Work is in progress. On 18-11-2018: Corrected	'23/08/2017	Corrected we already removed manual on/off switch from the Emergency Lighting / exit signage.	Corrected	
56	New Finding in 4th Follow-up: Unsealed penetrations and openings are located in the exit stair enclosures	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separations.	Within 1 month	New Finding On 30/07/2018: Unsealed openings have been found in exit stair enclosures. On 18-11-2018: Corrected	'23/08/2017	Corrected Opening sealed in the stair enclosures.	Corrected	
57	New Finding in 4th Follow-up: Storage was located in the egress path.	Keep egress path and stair clear of storage.	Within 1 month	New Finding On 30/07/2018: Storage was observed in egress path. On 18-11-2018: Corrected	'23/08/2017	Corrected Egress path and stair are clear from the storage.	Corrected	

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58	New Finding in 4th Follow-up: Unsafe discharge path for evacuation from stair-2,8 and 3. (Portable generator found open in the discharge path besides hot water was leaking from the drain which is very hazardous)	Provide proper drainage system to ensure safe evacuation. Remove the portable generator from discharge path or separate the generator by a minimum 2-hr fire rated construction. Seal and/or protected all openings to maintain fire separations.	Within 1 month	New Finding On 30/07/2018: Corrected as per site observation. On 18-11-2018: Corrected	'23/08/2017	Corrected	Corrected	
59	New Finding in 4th Follow-up: Exit signage not illuminated (burned out, broken, etc.).	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs	Within 1 month	New Finding On 30/07/2018: In progress. On 18-11-2018: Corrected	'23/08/2017	Corrected	Corrected	
60	New Finding in 4th Follow-up: Directional signs are not provided where direction of the path of travel to an exit has changed. Location: Store rooms.	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.	Within 1 month	New Finding On 30/07/2018: In progress. Illuminated directional signs shall be provided at all required locations. On 18-11-2018: Corrected.	'23/08/2017	In progress we are working on it.	Corrected	