

Fire & Life Safety Follow up Inspection

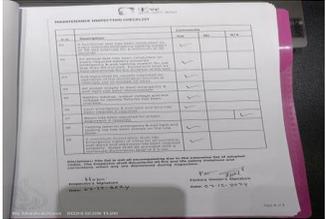
Factory Name	Eve Dress Shirt Limited		Factory ID	11346	Remarks/Note : The factory is under escalation Stage-1 for T&C process from 15 May 2024.
Address	Anowar Jung Road, Holding #219, Ward # 05, Block #A, Ashulia, Savar , Ashulia, Savar.				
Initial Inspection Date	31 Mar 2014	Initial Report Received Date			
No of Follow-up :	12	Date Of Follow-up Inspection:	09-Dec-2024		
Inspected by	Mahbub Alam Sami				

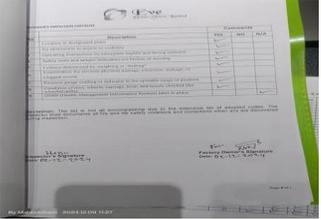
Item No	Issue Type	Issue Sub-Category	Inspection Observation	Inspection Recommendation	Timeline given	Comments after Physical Inspection	Final Timeline	Final Action Plan (Factory)	Status on the date of Inspection	Pictorial Evidence
1	Fire Alarm & Detection System (FADS)	Inadequate fire detection & alarm system	Panel power, zone light (to address zone of alarm), fault light (if anything is disconnected, etc.) on fire alarm control panel are functional for the Main Production building. There is no fire alarm and detection system for the utility building.	Install an automatic fire alarm and detection system for the utility building or expand the existing system. System shall comply with the Alliance Standard and NFPA 72. Consult a qualified fire protection engineer and/or authorized fire alarm company to design and install the system.	Jul 9 2014	<p>On 5-3-2019: Observations are not limited to,*Circuit breaker was not marked & open locked*Primary power feed line information was not posted near the panel.*Field devices (Pull stations, detectors) are not secured due to wiring connection.* Interfacing of fire pump controls was not as per Accord requirements. (Electric: Phase Loss, Phase Reversal, Motor Run; Diesel: Controller Mode, Common trouble) and authentic 3rd party certified/listed cable shall be used.*Pump run signal needs to be supervisory type.* Modules were placed inside Pull station boxes.* MCP location at 6th floor (North-West corner exit) was not visible (obstructed by door).* Detector was missing at roof landing and detector coverage shall be ensured for all locations.</p> <p>On 06/09/2020 (RSC): FADS is ready for full T&CVI.</p> <p>On 23/02/2021: According to T&CVI system is not approved. For details see report.</p> <p>On 31/08/2022: Fire Alarm and Detection system (FADS) modification work is almost completed according to the factory management and will apply for T&CVI within 2 weeks.</p> <p>On 11/05/2023: T&CVI found that the system requires final verification inspection. See detailed T&CVI report.</p> <p>On 09-Dec-24: FADS found active during the inspection. However, there were several trouble and supervisory signals in the FACP as the modifications works was going on. FADS requires a Final Verification as per last conducted T&CVI on 11th May 2023. Reportedly, factory will complete the modifications works and submit the documents for Final Verification by January 2025. Mentionable that, FACP-2 was sent for repairing and not found in the fire control room which serves the Building-3 (Not included in the RSC ID).</p>	31/Dec/2016	While maintenance / checking and rearrangement several issues came up and thus we purchased several new items for chance the existing. And reinstallation is on going.	Pending Verification	
2	Fire Rated Construction	Fire separation	Door widths are more than 0.8m, but doors along the path of egress (i.e. doors leading to staircase) in buildings are not fire doors.	Replace non-compliant doors and frames in the means of egress with side-swinging doors. Replacement doors shall be a minimum width of 0.8 m (32 in), and are listed, approved, self-closing, fire rated doors assemblies (door and frame) with latching panic hardware.	Sep 3 2014	<p>On 28/09/2017: Corrected.</p> <p>On 14/11/2017: Corrected</p> <p>On 14/05/2018: Corrected as per previous follow ups. Smoke seal is missing in several door.</p> <p>On 22/05/2018: Corrected as per previous follow ups. Smoke seal is missing in several doors.</p> <p>On 5-3-2019: Corrected.</p> <p>On 06/09/2020 (RSC): Corrected.</p> <p>On 31/08/2022: Corrected. Replaced.</p> <p>On 09-Dec-24: Corrected.</p>	20/May/2016	Corrected. Fire Door installation (2nd phase) completed.	Corrected	

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3	Means of Egress	Lockable/Collapsible Gates	There are collapsible doors, rolling shutter & glass swinging doors with locking arrangement at each egress locations.	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.	Sep 3 2014	On 28/09/2017: Corrected. On 14/11/2017: Corrected On 14/03/2018: Corrected as per previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. Replaced. On 09-Dec-24: Corrected.	28/Apr/2016	Corrected	Corrected	
4	Means of Egress	Lockable/Collapsible Gates	There are collapsible doors with locking arrangements at each egress locations.	Remove all hasps, locks, slide bolts, or other locking devices at the noted locations.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as per previous follow ups. Shall be removed where exist. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. Removed and not observed during follow-up inspection. On 09-Dec-24: Corrected.	24/Mar/2016	Corrected	Corrected	
5	Fire Rated Construction	Fire Rated Separation on warehouse and storages	Doors & windows of Bonded warehouse at ground floor, Chemical room and Spot removing room at 2nd floor, Bonded warehouse at 3rd floor, spot removing room at 4th floor, dining hall at 5th floor are not fire separated.	Provide fire-resistive rated opening or penetration protection for rated walls and assemblies in accordance with Alliance Standard Sections 4.6 and 4.7. Consult a qualified fire protection engineer to design the required opening protectives or penetration systems. If the openings are not required, enclose them with the proper fire rating.	Sep 3 2014	On 28/09/2017: Corrected. On 14/11/2017: Corrected On 14/03/2018: Corrected as per previous follow ups. Smoke seal is missing in several door. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected as per previous follow-up. Note: Factory shall seal window opening with floor at Accessories store. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. Separated. On 09-Dec-24: Corrected.	5/May/2016	Corrected	Corrected	
6	Fire Suppression System (SUPS)	Standpipe Design & Installation	There is no stand pipe system in the main and ancillary buildings meeting the requirement of NFPA 14, 20, 22 and 25. No Class-I standpipe hose connection (65 mm) are installed at stairwells in each floor level including occupiable roof. 25 mm plastic hoses are connected with over head water reservoir. At roof hose pressure was negligible. Hose size, pressure and water capacity are not sufficient.	Install standpipe system at required locations. Standpipe system must comply with NFPA 14.	Sep 3 2014	On 22/05/2018: Reportedly modification work is going on. On 5-3-2019: Observations are not limited to,*A listed check valve is missing next to fire brigade connection.*Flow detectors are missing at standpipe risers.* Ball valve was initially found closed at top most of remote riser. On 06/09/2020 (RSC): Installation complete but factory is not ready for full T&CVI due to some reasons as noted in the Pre-T&CVI report. On 31/08/2022: Standpipe system (Standpipe, Fire Pump and Water Supply system) work is almost completed according to the factory management and will apply for T&CVI within 2 weeks. On 01-Apr-2024: Pre-T&C conducted and found the system is not ready for T&CVI and another on-site Pre-T&C is required. See detailed Pre-T&CVI report. On 09-Dec-24: Significant progress has been observed. SUPS found non-functional as the modification work was going on during the inspection. SUPS requires a New-Pre-T&CVI as per last conducted Pre-T&CVI on 1st Apr 2024. Reservoir capacity has increased and feed mains are relocated. Factory will complete the modifications and submit the documents for Pre-T&CVI by January 2025.	15/Sep/2016	Recommended tasks as per RSC are in progress, so far 68% tasks completed.	In Progress	

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7	Fire Suppression System (SUPS)	Fire pump installation	There is no fire pump in the factory premises to supply water in case of fire incidence. Water is supplied to standpipe system from overhead water tank.	Install a dedicated fire pump for the facility in accordance with NFPA 20 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 Alliance and a final inspection of the installation shall be conducted by the Alliance prior to final acceptance of the installation by the Alliance 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 Alliance for review prior to final acceptance by the Alliance. This pump is to be connected to alternative power source like generator. And the generator is to be connected with ATS (auto starter).	Sep 3 2014	<p>On 22/05/2018: Refer to issue no 6.</p> <p>On 5-3-2019: Observations are not limited to,*Pressure sensing lines shall be stainless steel type, ball valve located, Pressure sensing line and fuel lines shall be as per NFPA 20.</p> <p>*Suction pressure drops below '-3' psi while the pump runs beyond 100% of its rated capacity.*Cx report provided for fire pump was outdated. An updated report shall be obtained.</p> <p>* Suction header pipe diameter shall be as per NFPA 20 for pumps designed to operate together.* No document was provided for anti-vortex plate.* Water level indicator was not provided.</p> <p>On 06/09/2020 (RSC): Installation complete but factory is not ready for full T&CVI due to some reasons as noted in the Pre-T&CVI report.</p> <p>On 31/08/2022: Standpipe system (Standpipe, Fire Pump and Water Supply system) work is almost completed according to the factory management and will apply for T&CVI within 2weeks.</p> <p>On 01-Apr-2024: Pre-T&C conducted and found the system is not ready for T&CVI and another on-site Pre-T&C is required. See detailed Pre-T&CVI report.</p> <p>On 09-Dec-24: Significant progress has been observed. SUPS found non-functional as the modification work was going on during the inspection. SUPS requires a New-Pre-T&CVI as per last conducted Pre-T&CVI on 1st Apr 2024. Reservoir capacity has increased and feed mains are relocated. Factory will complete the modifications and submit the documents for Pre-T&CVI by January 2025.</p>	15/Sep/2016	Recommended tasks as per RSC are in progress, so far 68% tasks completed.	In Progress	
8	Means of Egress	Exit stair openings	There are 3 stairs in the main building and 1 stair at utility building which is under construction. None of the stairs are provided with fire-rated construction. No fire door fitted at exits of any floor.	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.	Sep 3 2014	<p>On 14/11/2017: Corrected</p> <p>On 14/03/2018: Corrected as on previous follow up.</p> <p>On 22/05/2018: Corrected as on previous follow up.</p> <p>On 5-3-2019: Corrected.</p> <p>On 06/09/2020 (RSC): Corrected. Interfacing of fire rated doors were found proper during inspection.</p> <p>On 31/08/2022: Corrected.</p> <p>On 09-Dec-24: Corrected.</p>	21/Mar/2016	Corrected. Fire Door installation (2nd phase) completed.	Corrected	

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9	Fire Alarm & Detection System (FADS)	Inadequate fire detection & alarm system	Pull stations, smoke detectors, visual and audible devices are placed but not as per occupancy type. Approved shop drawing was not found.	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.). 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 Alliance prior to commencement of installation.	Sep 3 2014	<p>On 28/09/2017: Integrated part of Fire Alarm system.</p> <p>On 14/11/2017: It is an integrated part of FAS.</p> <p>On 14/03/2018: Refer to issue 1.</p> <p>On 22/05/2018: Refer to issue 1.</p> <p>On 5-3-2019: Follow comments of issue no: 1.</p> <p>On 06/09/2020 (RSC): It is the integrated part of FADS which is ready for full T&CVI.</p> <p>On 23/02/2021: According to T&CVI system is not approved. For details see report.</p> <p>On 31/08/2022: It is an integrated part of Fire Alarm System.</p> <p>On 11/05/2023: T&CVI found that the system requires final verification inspection. See detailed T&CVI report.</p> <p>On 09-Dec-24: FADS found active during the inspection. However, there were several trouble and supervisory signals in the FACP as the modifications works was going on. FADS requires a Final Verification as per last conducted T&CVI on 11th May 2023. Reportedly, factory will complete the modifications works and submit the documents for Final Verification by January 2025. Mentionable that, FACP-2 was sent for repairing and not found in the fire control room which serves the Building-3 (Not included in the RSC ID).</p>	31/Dec/2016	While maintenance / checking and rearrangement several issues came up and thus we purchased several new items for chance the existing. And reinstallation is on going.	Pending Verification	
10	Means of Egress	Handrails on stair	None of the stairs have handrails on both sides in any building of factory premises. No intermediate handrail is required as the width of those three stairs is 1.85 m (76 in.), 1.54 m (61 in.) and 1.29 m (51 in.) respectively. Handrail height of all stair cases is 813 mm.	Install handrails on both sides of the stair in accordance with Alliance Standard, Part-6, Section-6.9.2.4, 6.12.1.1 and 6.12.1.2.	Nov 26 2014	<p>On 14/11/2017: Corrected</p> <p>On 14/03/2018: Corrected as on previous follow ups.</p> <p>On 22/05/2018: Corrected as on previous follow ups.</p> <p>On 5-3-2019: Corrected.</p> <p>On 06/09/2020 (RSC): Corrected.</p> <p>On 31/08/2022: Corrected. Installed handrail.</p> <p>On 09-Dec-24: Corrected.</p>	21/Mar/2016	Corrected	Corrected	
11	Fire Rated Construction	Hazardous material storage	Chemical storage was found on the 2nd floor without enclosures (Glass fabricated room). There are spot removing rooms at 1st floor and 2nd floor of main building with glass and aluminum partitions using solvent with compressed air guns and aerosol. The rooms have no fire separated wall and fire doors.	Store flammable chemicals away from combustible materials in designated areas or room with sufficient fire rated construction.	Jun 25 2014	<p>On 14/11/2017: Corrected</p> <p>On 14/03/2018: Corrected as on previous follow ups.</p> <p>On 22/05/2018: Corrected as on previous follow ups.</p> <p>On 5-3-2019: Corrected.</p> <p>On 06/09/2020 (RSC): Corrected.</p> <p>On 31/08/2022: Corrected.</p> <p>On 09-Dec-24: Corrected.</p>	21/Mar/2016	Corrected	Corrected	

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12	Inspection, Testing & Maintenance (Fire)	Licences and certificates	Fire drill is conducted once a month but not under the direction of a Fire Safety Director.	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.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as on previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
13	Inspection, Testing & Maintenance (Fire)	Licences and certificates	No training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.	Provide training in accordance with Alliance Safety Training Curriculum and keep record with proper documentation.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as on previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. Provided. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
14	Means of Egress	Exit Adequacy	The main production building is 7 stories, but doors are not provided with re-entry. Stair doors with re-entry are required in at least 2 floors according to Alliance Standards Part 6 Section 6.8.3.	Provide re-entry to floor levels from the stairwells in accordance with Alliance Standard Section 6.8.3.	Sep 3 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. Provided. On 09-Dec-24: Corrected.	20/Apr/2016	Corrected	Corrected	
15	Means of Egress	Egress Lighting	All paths of egress are not provided with compliant means of illumination. Normal CFL lights are used as emergency lights. All stair and main aisles are not illuminated as per the requirement of Alliance standard.	Install appropriate means of illumination at the noted locations. The means of egress paths 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.	Nov 26 2014	On 28/09/2017: Corrected as per previous follow up inspections. Shall be increased in some areas. On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Issue Refer to SL No 42 On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Referred to Issue-42.	21/Mar/2016	Corrected	Corrected	
16	Inspection, Testing & Maintenance (Fire)	Emergency lighting system inspection, testing and maintenance	Record of verifying emergency power for means of egress illumination was not found as required in accordance with Alliance Standards Part 10 Section 10.12.2.3.	Develop a testing and maintenance program that ensures the operation of 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.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	

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17	Means of Egress	Exit Sign, Stair sign & occupant load sign	Occupant loads are not posted in any assembly and production floor as required by Alliance Standard Part 6 Section 6.4.4.	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.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected as per previous follow up. Occupant loads shall be posted both in Bangla & English. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
18	Inspection, Testing & Maintenance (Fire)	Portable fire extinguishers inspection, testing and maintenance	Fire extinguishers are inspected, tested and maintained every month. 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.	Establish an inspection, testing, and maintenance program for all fire extinguishers and prepare proper documentation. Program must comply with NFPA 10.	Nov 26 2014	On 28/09/2017: Corrected. On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
19	Fire Alarm & Detection System (FADS)	Inadequate fire detection & alarm system	Centralized alarm and detection system is available for the main production building, but not for the utility building. Since there are no services available for monitoring of the fire alarm and detection system, factory should have an arrangement of monitoring the system with its own personnel. No such arrangement is evident.	Arrange for direct connection of the system to a central station monitoring service or the Fire Service and Civil Defence as per Alliance Standard 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 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.	Jul 9 2014	On 28/09/2017: T&C by ACCORD is pending. On 14/11/2017: Partially Corrected. System needs few modification. On 14/03/2018: Corrected. Person has been assigned. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	31/Dec/2016	Corrected. 100% installation completed. New comments given by Accord during T&C on 14 November 2017.	Corrected	
20	Fire Rated Construction	Fire Rated Separation on warehouse and storages	Storage areas underneath the cutting tables are not clear of combustibles.	Remove all combustibles stored underneath the cutting tables at the noted locations.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected as per previous follow up. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	

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21	Fire Rated Construction	Fire Rated Separation on warehouse and storages	Fabric storage with high glass & dining at 5th floor are not separated by fire-resistive rated construction barriers.	Provide fire-resistive rated construction barriers between hazard types in accordance with Alliance Standard Sections 3.4 and 4.5. Consult a qualified fire protection engineer to design the required rated construction barrier.	Nov 26 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected as per previous follow-up. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
22	Inspection, Testing & Maintenance (Fire)	Licences and certificates	Though through the interview, it was noted that the workers are aware of the evacuation procedure upon commencing of the alarm. However, no procedure defining evacuation process was available.	Develop an emergency evacuation plan which includes 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.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected as per previous follow up. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
23	Fire Suppression System (SUFS)	Standpipe Design & Installation	Fire department (Siamese) inlet connection and outlet connection (pillar hydrant) is not provided as per clause 5.5.4.	Provide Fire Department (Siamese) connections in accordance with Alliance Standard Section 5.5.4. Connections shall match the Fire Service and Civil Defence hose thread standard.	Nov 26 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected as per previous follow-up. Follow comment of issue no: 6. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	15/Sep/2016	Corrected	Corrected	
24	Inspection, Testing & Maintenance (Fire)	Emergency lighting system inspection, testing and maintenance	No plan or record of conducting periodic test for the emergency battery back up of illumination of exit sign was found as required by section 10.12.1.4 of Alliance Standard.	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.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. Exit signs shall be placed in exits instead of directional signs and directional signs shall be installed in floors where required. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected as per previous follow up. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
25	Inspection, Testing & Maintenance (Fire)	Licences and certificates	No viable documentation or physical presence of Fire Safety Director was noted.	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.	Nov 26 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	

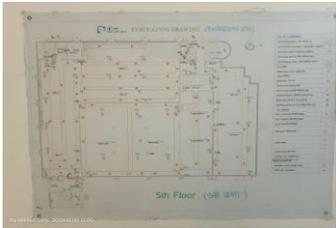
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26	Inspection, Testing & Maintenance (Fire)	Licences and certificates	Fire Department per-planning has not been completed yet.	Complete fire department pre-planning activities with the local Fire Service and Civil Defence.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected as per previous follow up. On 09-Dec-24: Corrected.	30/Jun/2016	Corrected	Corrected	
27	Inspection, Testing & Maintenance (Fire)	Licences and certificates	Hot work permit program is not established yet. It is required as per Alliance Standards Part 13 Section 13.4. 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.	Nov 26 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected as per previous follow up. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
28	Means of Egress	Exit Sign, Stair sign & occupant load sign	Floor level and stair designation signs are not provided at any floor in required locations.	Install signage adjacent to each stair door indicating the stair name and the floor level in English and Bengali at the noted locations.	Jul 9 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
29	Inspection, Testing & Maintenance (Fire)	Licences and certificates	Written housekeeping policy was not found, which is required as per Alliance Standards Part 13 Section 13.6.	According to Alliance Standard, Part-13, 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.	Feb 18 2015	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected as per previous follow up. On 09-Dec-24: Corrected.	21/Mar/2016	Corrected	Corrected	
30	Inspection, Testing & Maintenance (Fire)	Licences and certificates	No occupancy certificate available for any building in the factory premises.	Apply to the proper authority in an expeditious manner for issuance of the Certificates of Occupancy for each building and ancillary structure according to building use.	Jul 23 2014	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Not Applicable. On 09-Dec-24: N/A. Corrected.	21/Mar/2016	Corrected	Corrected	

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31	Means of Egress	Egress Lighting	New Finding: 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 2 week	On 28/09/2017: Corrected as per previous follow up inspections. On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. Removed. On 09-Dec-24: Corrected.	30/Apr/2016	Corrected	Corrected	
32	Fire Rated Construction	Fire Pump Room, generator, transformer and other hazardous area fire rated separation	New Finding: Transformer is not properly separated by fire rated construction with other Occupancies/Areas.	1. For Non high-rise building: Oil filled transformer shall be separated from other occupancies by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Switch gears and transformer bays shall be separately housed with a 2-hr rated wall in between. Seal all penetrations and openings (door, window etc.) should be protected by 1.5-hr fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. 2. For high-rise building: Oil filled transformer shall be separated from other occupancies by a minimum 4-hr fire rated construction (wall, floor, slab etc.). Switch gears and transformer bays shall be separately housed with a 4-hr rated wall in between. Seal all penetrations and openings (door, window etc.) should be protected by 2-hr fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. 3. Oil filled transformers shall not be housed above ground level Or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.	within 2 week	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	20/Apr/2016	Corrected	Corrected	
33	Means of Egress	Protected exit discharge	New Finding: Electrical distribution board was located in the exit stair of all floors.	Separate the exit passageway (ceiling, floor, wall etc.) by 1.5-hr fire-resistance rated construction and shall terminate at an exit discharge.	within 2 week	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. Not Found. On 31/08/2022: Corrected. Removed DB. On 09-Dec-24: Corrected.	31/Dec/2016	Corrected	Corrected	

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34	Fire Rated Construction	Fire Pump Room, generator, transformer and other hazardous area fire rated separation	New Finding: Boiler or furnace room is not properly separated by fire rated construction with other Occupancies/Areas.	1. Boilers or other heat producing equipment shall be separated from other occupancies by a minimum 1-hr (2-hr for highrise building) fire rated construction (wall, floor, slab etc). Seal all penetrations and openings (door, window etc.) should be protected by 0.75-hr (45 min) fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the building.	within 6 week	On 28/09/2017: Corrected as per site condition. On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	20/Apr/2016	Corrected	Corrected	
35	Fire Rated Construction	Unsealed penetrations	New Finding: Penetrations through floor/ceiling assemblies are found unsealed.	Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated materials to maintain the fire resistance rating. Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	within 6 week	On 14/11/2017: Corrected On 14/03/2018: Re-opened as penetrations are not sealed properly. On 22/05/2018: Same as like before. Manufacturing documents could not provide during inspection. On 5-3-2019: Penetrations due to standpipe risers need to be sealed. On 06/09/2020 (RSC): Corrected. Sealed. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	30/Oct/2016	Corrected	Corrected	
36	Fire Rated Construction	Unsealed penetrations	New Finding: Penetrations through floor/ceiling assemblies are found unsealed.	Seal all penetrations and openings in floor/ceiling (full thickness of the floor/ceiling) assemblies by fire rated materials to maintain the fire resistance rating. Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor if required.	within 6 week	On 13/03/2017: Corrected On 18/06/2017: Corrected. Not found. On 28/09/2017: Corrected. On 14/11/2017: Corrected On 14/03/2018: Refer to issue 35. On 22/05/2018: Refer to issue 35. On 5-3-2019: Refer to issue no: 35. On 06/09/2020 (RSC): Corrected. Sealed. On 09-Dec-24: Corrected.	30/Oct/2016	Corrected	Corrected	
37	Means of Egress	Guard rails or parapet wall	New Finding(2nd Follow-Up): Parapets or guards are not provide at required height in occupiable roof.	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 1 month	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Corrected as per previous follow ups. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. Sealed. On 31/08/2022: Corrected. Provided. On 09-Dec-24: Corrected.	30/Jun/2016	Corrected	Corrected	

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38	Means of Egress	Storage in means of Egress	New Finding(2nd Follow-Up): Storage was located in the exit stair. Location: Ground Floor.	Remove all storage from exit stairs and egress paths.	within 2 week	On 28/09/2017: Corrected. On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow ups. On 22/05/2018: Re-opened as storage were found at exit stair. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. Removed. On 09-Dec-24: Corrected.	4/Apr/2016	Corrected	Corrected	
39	Fire Rated Construction	Fire Rated Separation on warehouse and storages	New Finding (4th follow): Areas used for in-process storage of combustible materials are open to the surrounding occupancy. Location-	General Condition: Maximum height of 2.4m and maximum area of 23m2. Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.If sprinkler protected: maximum height of 3.66m and maximum area of 93m2. Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.or Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Jul 18 2017	On 14/11/2017: Corrected On 14/03/2018: Corrected as on previous follow up. On 22/05/2018: Re-opened as in process storage were found without maintaining accord standard. On 5-3-2019: Corrected. Within limits. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Issue re-open. Finished goods storage areas were not organized on 4th floor of the building. On 09-Dec-24: Corrected. In-process storage found within the limits during the inspection at 4th Floor of the main production building.	18/Jul/2017	Completed	Corrected	
40	Means of Egress	Protected exit discharge	New Finding: Exit stair (Middle stair) is discharge the occupants inside the building.	Modify stair to discharge directly outside. Or Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). Or Provide sprinkler protection for discharge floor in accordance with NFPA 13.	Within 2 months	On 22/05/2018: Corrected . Note: Discharge path shall keep free from storage & obstruction. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Re-opened. Exit discharge of Stair-3 (South-East) is not separated from 1st floor due to non-rated glass window and exhaust fan.	14/May/2018	Corrected	In Progress	
41	Means of Egress	Exit stair openings	New Finding: Unsealed penetrations and openings are located in exit stair enclosures. Penetrations arises due to hose box installation in stair enclosure wall in both building.	Seal all penetrations and openings in the wall of exit enclosure walls (full thickness of the wall) by fire rated materials to maintain the fire resistance rating.	Within 1 month	On 22/05/2018: Same as like before. On 5-3-2019: Unsealed openings observed. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	14/Apr/2018	Corrected	Corrected	

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42	Means of Egress	Egress Lighting	New Finding (8th Follow-up): All paths of egress are not provided with compliant means of illumination. Emergency light not illuminated during testing (burned out, broken, etc.).	Maintain adequate illumination at means of egress path as per accord standard & replace burned out/damaged light regularly.	Within 1 month	On 22/05/2018: New Finding. On 5-3-2019: Corrected. On 06/09/2020 (RSC): Corrected. On 31/08/2022: Corrected. On 09-Dec-24: Re-opened. Inadequate emergency lights have been observed at 4th, 2nd and 1st floor Main Production Building and Utility Building.	22/Jun/2018	Corrected	In Progress	
43	Means of Egress	Storage in means of Egress	New Finding (8th Follow-up): During the inspection egress aisles were obstructed by combustible storages and available clear width were found less than 36 inch.	Provide aisles free from obstructions and with minimum clear widths of 36-inch.	Immediate	On 22/05/2018: New Finding. On 5-3-2019: Not observed. On 06/09/2020 (RSC): Corrected. During inspection most of the aisles found free from obstruction. On 31/08/2022: Corrected. On 09-Dec-24: Corrected.	12/Jun/2018	Corrected	Corrected	
44	Fire Rated Construction	Unsealed penetrations	New Finding (12th FUJ): Unprotected Expansion and Contraction Joints has been observed in-between Main Production Building and Stair-3 (South-East).	Expansion and contraction joints provided to accommodate expansion, contraction, wind or seismic movement shall be protected with an approved material having the same degree of fire resistance as that of the wall or floor in which it is installed.	Within 3 months	On 09-Dec-24: New Finding.	20/Mar/2025			

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45	Means of Egress	Evacuation plan	New Finding (12th FUJ): Evacuation maps found outdated at floors at Main Building and not posted at Utility building.	Post updated evacuation maps at all the required locations.	Within 1 month	On 09-Dec-24: New Finding.	20/Jan/2025			
46	Fire Rated Construction	Day Care Room, Medical Room and other Hazardous occupancies	New Finding (12th FUJ): Dining area (E-3, capacity-600) was not separated by required fire rated construction with adjacent Store (H2) & Production (G2-Cutting area) occupancies. Location: 5th Floor, Production Building.	The dining shall be fire separated from store room by minimum 3 hr. rated construction with minimum 3-hr opening protection. The dining area (E3) is not permitted with moderate hazard occupancies (G2) following table 3.2.1 of BNBC-2006. Required number of exits for entire dining arrangement shall lead directly to safe discharge path without passing through any other occupancies.	Within 3 months	On 09-Dec-24: New Finding.	20/Mar/2025			 