



5th CAP Remediation Verification Visit Report

Fire Safety

Factory Information

Name of The Factory : Ayesha Clothing Company Ltd. - Printing Unit_11022
Factory Address: Bangobandhu Road, Tongabari, Ashulia, Savar, Dhaka, Bangladesh.
CAP in Person Meeting: 13 January 2016

RVV Date:

Thursday, July 6, 2017

SN	Issues	Standards	Priority	Age	Severity	Resolution	Remarks
1	Are shafts provided with the minimum fire-resistance rating? Is the building protected by an automatic sprinkler system?	Alliance Standards Part 4 Section 4.5:7.1 through 4.5.7.3 Alliance Standards Part 3 Section 3.5.3 Existing Buildings, Part 5 Section 5.3 Automatic Sprinkler Systems and Section 6.13 Travel Distance	High	6-Apr-16	Completed	Completed	Factory installed fire rated doors in front of the shaft/passenger lift). Design-drawing of automatic sprinkler system has been reviewed by ALLIANCE on 15-Dec-16. Interfacing works not yet completed. Factory should replace the sprinkler head (factory used 79°C, should be 68°C). Factory are committed to complete the issues within 13 July 2017 and provide pictorial evidences to ALLIANCE.
2	Are exit enclosures provided with fire-resistive rated construction barriers?	Alliance Standards Part 4 Section 4.5 Separation	Highest	6-Apr-16	In-Progress	Completed	Factory has installed fire rated doors at the all the required exit of stairs of main building and certification of door assemblies has been reviewed by Alliance. Double leaf doors required proper maintenance. Factory should replace/repainted the doors under the supervision of authorized personnel and conduct a field inspection (if required) by the certificate authority.
3							
4	Exterior exit stairs are separated from the building with the required rating. The rating of the exterior wall shall extend 3.05 m (10 ft) beyond the ends of the stair structure.	Alliance Standard Part 6 Section 6.3:1.2. Three stories or less 1-hr rating. Four stories of more 2-hr rating	High	6-Apr-16	Completed	Completed	
5	Landings are provided on both sides of doors used along the path of egress. Doors do not swing out over stairs.	Alliance Standards Part 6 Section 6.8 Doors and Gates	High	6-Apr-16	Completed	Completed	
6	Ramps do not have a running slope greater than 1 in 8 (12.5 percent) and have handrails on both sides of the ramp.	Alliance Standard Part 6 Section 10 Ramps	Medium	29-Jun-16	N/A	N/A	Factory are not using this ramp as a path of
7	Occupant loads are posted for every assembly and production floor in a conspicuous space near the main point of egress.	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	Medium	10-Feb-16	Completed	Completed	



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8	Emergency power for means of egress illumination is verified at least once per year. If battery operated lights are used, these lights are tested on a monthly basis. Functional testing of battery powered lights is provided for a minimum 90 min once per year.	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting	10-Feb-16	Medium	Completed	Completed	
9	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.	Alliance Standards Part 13	24-Feb-16	Medium	Completed	Completed	
10	Emergency power for exit signs is tested at least once per year. If battery operated, these lights are tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 min once per year.	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.	10-Feb-16	Medium	Completed	Completed	
11	Are there additional areas of non-compliance to report?	Not Applicable	29-Jun-16	Medium	Completed	Completed	
12	Are there additional areas of non-compliance related to the Means of Egress?	Not Applicable	6-Apr-16	Medium	Completed	Completed	
13	Are there additional areas of non-compliance related to the Fire Protection Systems?	Not Applicable	24-Feb-16	Medium	In-progress	In-progress	Design drawing of fire alarm & detection system has been reviewed by ALLIANCE on 01-Jan-17. Installation (modification of existing system) works are likely to be completed. Some notification appliances are not functioning properly. Also as-built drawing does not match with the field conditions. Factory are committed to complete the issue within 13 July 2017 and provide pictorial evidences to ALLIANCE.
14	Changes in elevation of walking surfaces do not exceed 6.35 mm (1/4 in) unless provided with a beveled slope of 1 in 2 that does not exceed 12.7 mm (1/2 in).	Alliance Standard Part 6 Section 6.3.4 Walking Surfaces	29-Jun-16	Medium	Completed	Completed	
15	Illuminated exit signs are placed at entrances to exits and along the path of egress anywhere the continuation of egress is not obvious or there is a change in the direction of the path of travel.	Alliance Standard Part 6 Section 6.11 Exit Signs	29-Jun-16	Medium	Completed	Completed	Factory should increase the directional exit signs as required. Also change the placement of directional exit signs.
16	Certificates of Occupancy for each building have been issued and are on file.	Are certificates of occupancy provided for each building or ancillary structure?	10-Feb-16	Low	N/A	N/A	
17	A Fire Safety Director position has been filled.	Alliance Standards Part 13 Section 13.1 Fire Safety Director	29-Jun-16	Low	Completed	Completed	Factory has appointed a person as Officer-Fire & Safety named "Md. Nayeem Mahmud".
18	Fire Department pre-planning has been completed.	Alliance Standards Part 13 Section 13.1 Fire Safety Director	10-Feb-16	Low	Completed	Completed	



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19	Are inspection, maintenance, and testing procedures of the standpipe and hose system documented and up to date? Including inspection and testing of hoses if provided.	Reference NFPA 25 Chapter 6 Standpipe and Hose Systems Table 6.1.1.2	29-Jun-16	Low	In-progress	Completed	Factory should update the record as per NFPA 25
20	Are inspection, maintenance, and testing procedures of the fire pump documented and up to date?	Reference NFPA 25 Chapter 8 Fire Pumps	29-Jun-16	Low	In-progress	Completed	Do, SN-19
21	Stair designation signs are provided at each floor entrance from the stair to the floor in English and Bengali. Signs indicate the name of the stair and the floor level. Signs are posted adjacent to the door.	Alliance Standard Part 6 Section 6.9.9 Stairs	10-Feb-16	Low	Completed	Completed	
Fire Protection							
1	All doors in a means of egress are of the side-hinged swinging type.	Alliance Standards Part 6 Section 6.8 Doors and Gates		Highest	Completed	Completed	
2	Are notification and initiation devices for the fire alarm system installed at required locations based on occupancy type?	Pull stations at egress points, smoke detectors in air handling equipment, visual and audible devices spaced appropriately based on occupancy type. Reference NFPA 72		Highest	In-progress	In-progress	Design-drawing of fire alarm & detection system has been reviewed by ALLIANCE on 01-Jan-17. Installation (modification of existing system) works are likely to be completed. Some notification appliances are not functioning properly. Also as-built drawing does not match with the field conditions. Factory are committed to complete the issue within 13 July 2017 and provide pictorial evidences to ALLIANCE.
3	Are there additional areas of non-compliance to report?	Alliance Standard Part 3 Section 3.4.2.1.9 Flammable and Combustible liquid and BNBC Part 3 Section 2.13.		High	Completed	Completed	Factory are not using ONG for operating the boiler.
4	Are separations between hazards provided with fire-resistive rated construction barriers.	Reference Alliance Standards Part 4 Section 4.5 Separation.		Medium	Completed	Completed	
ACKNOWLEDGED							
Signature :			Signature :				
Factory Representative :			Name : Shaful Islam (Safety Engineer - Mechanical)				
Thursday, July 6, 2017			Thursday, July 6, 2017				



Signature of Shaful Islam