## FIRE SAFETY FOLLOW UP INSPECTION

Factory Name	APS Apparels Lt	td	Accord ID	9438
Address	Holding No.106	, Ward- 5, Baitur Rahmat, Mosque Road, E-Faidabad, Atipa	ra, Dokhin Khan, Dhaka	
Inspection Date	25/03/2014		Report Received Date	
Date of 1st Follow-up	05/04/2015	Date of 2nd Follow-up	28/12/2015	
Date of 3rd Follow-up	22/03/2016	Date of 4th Follow-up	28/06/2016	
Date of 5th Follow-up	06/09/2016	Date of 6th Follow-up	28/11/2016	
Date of 7th Follow-up	09/02/2017	Date of 8th Follow-up	03/05/2017	
Date of 9th Follow-up	27/08/2017	Date of 10th Follow-up	02/04/2018	
Date of 11th Follow-up	30/01/2019	Date of 12th Follow-up		
Date of 13th Follow-up		Date of 14th Follow-up		
Inspected by		A N Faisal Ahmed		

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1	The boiler, generator and transformer room is not separated by firerated construction openings, non-rated doors and penetrations on the ground floor.	Separate the boiler, generator and transformer room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months	On 28-11-2016: Corrected. On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	′05/01/2016	Corrected. We have separated the boiler, generator and transformer room by fitting and fixing 2-hr fire rated door as recommended.	Corrected	BUN 800 PRODUCTION OF THE PROD
2	The exit stairs are not separated from work areas on each floor by fire-rated construction.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.	Within 3 months	On 09/Feb/2017: In progress. Installation work has not been completed yet. On 6th May 2017 As action plan of the factory: Corrected. Factory has installed the listed fire rated door and interfaced with FACP. On 27/08/2017: Issue has been reopened and covered on point no-4. On 02/04/2018: Issue is merged with issue no: 4. On 30/01/2019: Issue is merged with issue no: 4.	′31/10/2016	Corrected. Fire door installation Completed. We separated exit stairs from work areas on each floor by fitting and fixing 2-hr firerated door as recommended.	Corrected	ADD PHOTO



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3	The "Fabric chute" is not separated by fire-rated construction in the SE stair.	Separate the "Fabric chute" by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months	On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	'10/07/2016	Corrected. We have separated the "Fabric chute" by fire rated door/construction.	Corrected	ADD PHOTO
4	The exit stairs are not separated from office spaces in the SE and NE stair by fire-rated construction.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from office spaces on mezzanine floor levels.	Within 3 months	On 09/Feb/2017: Installation work has not been completed yet. On 6th May 2017 As action plan of the factory: In Progress. It has found same as it was before follow-up inspection. On 27/08/2017: Still fire door is required on ground floor. And door vision glass is missing at different places. Mobile panel room shall have to be separated from exit stair case. On 02/04/2018: Work is in progress. Separation work hasn't completed yet, due to unprotected openings & unsealed penetrations were found in the exit stair enclosures. Interfacing work still on going. On 30/01/2019: Unprotected opening found at exit stair enclosures at ground floor & roof top, Door was kept open by external source, proper certification of installed fire door was not available at site, door accessories found non functional.	′31/10/2016	Already Corrected.	In Progress	20 (100 (100 (100 (100 (100 (100 (100 (1
5	Unsealed penetrations and openings are located in exit stair enclosures.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separation.	Within 3 months	On 09/Feb/2017: Work is ongoing. Still some penetrations have been found. On 6th May 2017 As action plan of the factory: In Progress. It has found same as it was before follow-up inspection. On 27/08/2017: Penetration has been found due to stand pipe installation work. On 02/04/2018: Not completed yet. Unsealed penetrations and unprotected openings have been found in ground and basement floors exit stair enclosures. On 30/01/2019: Not corrected yet. Unprotected opening was observed at exit stair enclosures.	′31/10/2016	Already Corrected.	In Progress	30/01/2019 13 27



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6	Diesel drum area is not separated by fire-rated construction on the ground floor. Diesel drum area is opening to egress path for the ground floor.	Separate the diesel drum area by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months	On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	′24/12/2015	Corrected. We have created separate diesel drum storage room and protected by firerated construction and door. (Fire door certificate & checklist attached)	Corrected	11512 Song
7	Egress doors and gates with locking features by a padlock are provided at building exits, exit stairs, along egress routes, exit discharge.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate	On 28-11-2016: Corrected. On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Issue refer to SL No 25.	′10/08/2015	Corrected. We have removed all collapsible gate/locking features and utilized fire door/special door locking features as suggested.	Corrected	ADD PHOTO
8	Storage was located in all exit stairs.	Remove all storage from exit stairs and egress paths.	Immediate	On 28-11-2016: No action has been taken yet. Various storage & a room beside the staircase have been found in the ground floor in front of the lift. On 09/Feb/2017: No action has been taken yet. On 6th May 2017 As action plan of the factory: Corrected. On 27/08/2017: Corrected. On 02/04/2018: Refer to issue no.: 24. On 30/01/2019: Refer to issue no.: 24.	′31/10/2016	Corrected. We already remove all storage from exit stairs and egress paths.	Corrected	ADD PHOTO
9	Collapsible doors and sliding gates are provided at the building exits, exit stairs and exit discharge.	Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Within 1 month	On 28-11-2016: Corrected. On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected as per previous follow up. Note: Factory shall remove all kind of sliding gate at production area.	′24/12/2015	Corrected. We have removed all collapsible doors and installed fire rated/side-hinged door as suggested.	Corrected	200 St. 1907



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10	The high-rise building has an occupied floor greater than 25m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.	Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design within 6 months, install within 12 months	On 6th May 2017 As action plan of the factory: In Progress. Installation work is going on. On updated CAP for the month of July, 2017 factory committed to complete the remediation work within 31st Aug, 2017 but time extension are not accepted. Remediation work should be completed as per Accord approved timeline. On 27/08/2017: Installation is going on. On 02/04/2018: Progress is not satisfactory. No significant progress was observed since last follow-up. Piping work still not completed yet. Moreover, procurement of the required fire pumps hasn't been finalized yet. Factory asked for time extension till 30/12/2018. Not accepted. On 30/01/2019: Fire pump installation is going on. Non listed valve was observed. Fire pump room shall separate properly from adjacent store area. Installation shall meet NFPA 13, 14, 20 & Accord standard.	′31/10/2016	We have a nonlisted pumps which has been procured in 2014. the pump set not finally installted due to this issue. Recently we decided to procure another pump listed pump set. We have already issued L/C in May 24, 2018, Estimated time of arrival (ETA) of the fire pump is Nov 27, 2018, we will completed the issue within Dec 31, 2018, the pipeline works has been alredy done	In Progress	SUMMORE SERVICES TO SERVICES S
11	The fire alarm system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire alarm system with a new, listed addressable fire alarm system in accordance with NFPA 72.	Within 3 months	On 09/Feb/2017: Installation work is ongoing. On 6th May 2017 As action plan of the factory: In Progress. Installation work is going on. On 27/08/2017: Installation is going on. On 02/04/2018: Installation has not been completed yet. Factory asked for time extension till May 2018. Not accepted. On 30/01/2019: Reportedly, installation is complete & waiting for completion of protection system to apply for T&C VI. However, it was advised, if commissioning of the fire alarm system being complete, factory can apply for T&C VI. FACP shall install on a isolated fire separated safe room.	′31/10/2016	Corrected	In Progress	ACP ROOM
12	Inspection, testing, and maintenance for the fire alarm system was not in accordance with NFPA 72.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72.	Within 3 months	On 28-11-2016: Corrected as per the last follow-up. On 09/Feb/2017: Corrected as per previous follow ups. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected as per previous follow-up. On 30/01/2019: Corrected.	′16/04/2016	Corrected. We have implemented inspection, testing and maintenance for the fire alarm system in accordance with NFPA 72 as suggested.	Corrected	SO/O1/20010 19:24



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13	Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months	On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	′02/09/2015	Corrected. We have started to inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard & keeping written records.	Corrected	SKEL/GOD 1/SKECHT SO ST - CASS
14	New Finding: Store room in the basement floor, roof floor is not separated from exit stair and store room in the ground floor is not separated from medical center, childcare, offices by fire rated construction.	Separate the store rooms by a minimum 1-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations.	Within 3 months	On 6th May 2017 As action plan of the factory: Corrected. On 27/08/2017: Corrected. On 02/04/2018: Not completed yet. Factory asked for time extension till 30/09/2018. Not accepted. On 30/01/2019: Not corrected yet. Fire door was kept open by external source,	′31/10/2016	Already Corrected.	In Progress	30/01/2018 18:08
15	New Finding: Areas used for combustible storage in the sixth floor is not separated by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr firerated 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 25m2- If sprinkler protected: maximum height of 3.66m and maximum area of 95m2Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months	On 28-11-2016: Corrected. On 09/Feb/2017: Corrected. Pile dimension area is maintaining. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	'25/04/2016	have provided defined storage area as per given suggestion. Now we don't use different area for combustible storage. Also note that, we have completed the installation of fire door at mentioned floor. We are also going to install hydrant/completed.	Corrected	30/01/2019 12:29
16	New Finding: The width of aisle is less than 36 inch. In the mezzanine floor store room, fifth floor's cutting section.	Provide a minimum aisle width of 36 inch.	Within 1 month	On 28-11-2016: Corrected. On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Not corrected. Found improper during follow-up inspection period. Aisles width at 6th floor has found inadequate. Issue is re-opened. On 30/01/2019: Corrected.	′20/07/2016	Already Corrected.	Corrected	TO THE REPORT TO THE THE TOTAL TO THE REPORT TO THE REPORT TO THE REPORT TO THE TOTAL TO THE



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17	New Finding: Unsealed penetrations and openings are located in the fire-rated all floor/ceiling assemblies in the west side of the building's all floors.	Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level. OR Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 1 months	On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	′15/07/2016	Corrected. We have provided a minimum 2-hr fire rated constriction as suggest.	Corrected	ADD PHOTO
18	New Finding: Exit stair door / egress door serving 50 or more occupants does not swing in the direction of egress travel in the ground and roof floor.	Modify the egress door to swing in the direction of egress travel.	Within 1 months	On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	′31/10/2016	Corrected. we have complete the work as suggested.	Corrected	
19	New Finding: Office area in fifth floor and kitchen in sixth floor are not separated from adjacent cutting area by fire rated construction.	Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and 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 3 months	On 28-11-2016: Partially corrected. Kitchen has been removed from sixth floor. Office area is not separated from the production area in fifth floor.  On 09/Feb/2017: No action has been taken yet.  On 6th May 2017 As action plan of the factory: In Progress. It has found same as it was before follow-up inspection.  On 27/08/2017: Corrected.  On 02/04/2018: Not corrected. Found improper. Fifth floor office area has found not fire separated as per recommendation. Issue is reopened.  On 30/01/2019: Office area is separated by fire door.	′31/10/2016	Already Corrected.	Corrected	100/01/2810 12:38



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20	New Finding: Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. It has been observed throughout the building.	Test the emergency lighting system on each floor and provide additional emergency fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 1 months	On 28-11-2016: Corrected. On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Not corrected. Found improper. Inadequate illumination levels of emergency lightings units were observed during follow-up inspection period. Factory shall ensure adequate illumination levels along the egress routes as per recommendation where required. Issue is re-opened. On 30/01/2019: Not corrected. Found improper. Inadequate illumination levels of emergency lightings units were observed at floors.	′20/07/2016	Corrected. We have provided some additional emergency fixtures to ensure minimum illumination.	In Progress	30/01/2019 12:42
21	New Finding: Manual on-off switch is provided for emergency lighting units.	Remove manual on/off switches from emergency lighting units to prevent them from being switched off.	Within 1 month	On 09/Feb/2017: Corrected. On 6th May 2017 As action plan of the factory: Corrected as per previous follow-up inspection. On 27/08/2017: Corrected. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	'29/12/2015	Corrected. We have removed manual on/off switch from mentioned emergency lighting unit.	Corrected	20/01/2010 12:01
22	New Finding (6th Follow-up): Diesel storage area has been found inside the boiler room in ground floor.	Separate the diesel stoarge area from the boiler & other occupancies by a minimum 2-hr fire-rated construction. Seal and/or protect all openings to maintain the required fire separations.	Within 2 months	On 6th May 2017 As action plan of the factory: Corrected. Factory has sealed all opening and installed the listed fire rated door. On 27/08/2017: Corrected. Fire door installation has been done. On 02/04/2018: Corrected. On 30/01/2019: Corrected.	′09/03/2017	Corrected: Our boiler is diesel boiler. So Boiler fuel tang are keep inside the boiler room.	Corrected	ADD PHOTO



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23	New Finding (6th Follow-up): Sanitary pipe lines through fire rated floor/ceiling assemblies are found unprotected in the boiler/ generator/ transformer rooms	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 2 months	On updated CAP for the month of July, 2017 factory committed to complete the remediation work within 25th July, 2017 but time extension are not accepted. Remediation work should be completed as per Accord approved timeline.  On 27/08/2017: In progress. Civil work is going on.  On 02/04/2018: Corrected. Sealed.  On 30/01/2019: Corrected.	′09/03/2017	Corrected: We sealed all penetrations and openings using CC casting	Corrected	ADD PHOTO
24	New Finding ( 10th Follow Up): Storage was located in the exit stair and egress path.	keep egress path and stair clear of storage	Immediate	New Finding On 30/01/2019: Combustible materials storage was found at exit stair. Aisles were blocked at different floors. Even , aisles were found fully blocked by sewing machine.	′04/04/2018	Corrected: already cleared the exit path	In Progress	30/01/2018 10:39
25	New Finding (11th Follow Up): Stair # 3 exit gate was locked by padlock and locking features was observed egress doors and gates at building exits, exit stairs, along egress routes.	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101. Door Size shall meet the accord standard	Immediate	New Finding.			300	Closer W Padlock  By Closer W

