FIRE SAFETY FOLLOW UP INSPECTION

Factory Name	A.K.	M. KNIT WEAR LTD.	Accord ID	9178					
Address		14 No. Genda, Karnopara, Ulail, Savar							
Inspection Date	24/03/2014		Report Received Date	21/09/2014					
Date of 1st Follow-up	13/02/2015	Date of 2nd Follow-up	17/01/2010	6					
Date of 3rd Follow-up	09/05/2016	Date of 4th Follow-up	28/07/2016						
Date of 5th Follow-up	16/11/2016	Date of 6th Follow-up	24/01/201	7					
Date of 7th Follow-up	23/04/2017	Date of 8th Follow-up	23/08/201	7					
Date of 9th Follow-up	31/01/2018	Date of 10th Follow-up	27/06/201	8					
Date of 11th Follow-up		17/02/2019							

Inspected by	Mohammad Atick Al Zaman & Md. Rakibul Alam

Item No	Accord Inspection Observation	Accord Action Plan (Recommendation)	Accord Timeline (given in report)	Comments from Accord (after Physical Inspection)	Final Approved Timeline (DD/MM/ YYYY)	Final Action Plan (Factory)	Progress Status (on the date of Inspection)	Pictorial Evidence
1	The boilers and generators on the ground floor of the Utility Building are not separated by fire rated construction. The transformer and generators in the northwest building are not separated by firerated construction.	Separate these utilities by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations	Within 3 months	On 23/04/2017: Corrected as per previous follow-ups. New construction was found in progress. On 23/04/2017: Corrected as per previous follow up. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow-up. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	Fire door is installed. (Done)	Corrected	ADD PHOTO
2 on Fire	Areas used for combustible storage noted on the 1, 3, 4 and 5th floors 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 3.66m and maximum area of 93m2 areas of unenclosed stible storage by a clear distance of 3m.	Within 3 months	On 16/11/2016: Corrected. Factory storage in a compliance way. On 24/01/2017: Corrected as per previous follow up. Note: Factory shall maintain the Accord recommendation to arrange storage where separate storage rooms are not available. On 23/04/2017: Comment is same as previous follow-up inspection. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow-up. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	Fire rated constructions are built in the mentioned area. (Done)	Corrected	ADD PHOTO

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3	The exit stairs are not separated 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 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 automaticclosing devices tied to the fire alarm system.	Within 3 months	On 23/04/2017: In progress. Work has not completed yet. On 23/08/2017: In progress. Work has been In progress. On 31/01/2018: Corrected, all the exit doors are interfaced with functional fire alarm system. On 27/06//2018: Corrected on previous follow-up. Note: Factory shall ensure proper functioning of small part of door leaf. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	All the EXIT stairs are now separated. (Done)	Corrected	
4	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies including plumbing and electrical utility risers.	Provide a minimum 2-hr firerated shaft to separate the utility risers from each floor level.	Within 3 months	On 24/01/2017: Corrected. Fire door has been installed. On 23/04/2017: Corrected. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 56.	′30/12/2014	We have sealed all the penetrations. (Done)	Corrected	ADD PHOTO
5	A shaft (possibly for future elevator) is located adjacent to the north exit stairs. The shaft is open to the stairwell in several locations including an impromptu linen shaft.	Provide a minimum 2-hr firerated shaft to separate the shaft from each floor level and stairwell. Seal all penetrations and openings in shaft assemblies to maintain the fire separation.	Within 3 months	On 24/01/2017: Corrected. On 23/04/2017: Corrected. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow-up. Issue is merged with issue no: 56. On 17/02/2019: Refer to issue 57.	′30/12/2014	2-hr fire rated shaft will be provided soon to separate the shaft from each floor level and stairwell.	Corrected	ADD PHOTO
6 on Fire	Doors / gates with locking features are provided along some egress paths.	Remove locking features from all egress doors / gates. If locks are required for society reasons, utilize or locking features ig with NFPA 101.	Immediate	On 23/04/2017: Corrected. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 59.	′30/12/2014	Done	Corrected	ADD PHOTO

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7	Storage was located in the exit stair (storage lockers).	Remove all storage from exit stairs and egress paths.	Immediate	On 23/04/2017: In progress. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	All the storage are removed from the stairs and egress path. (Done)	Corrected	
8	Collapsible gates / sliding doors are provided at building exits, exit stairs, along egress routes, and at exit discharge locations.	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 23/04/2017: Corrected. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 59.	′30/12/2014	Done	Corrected	ADD PHOTO
9	North exit stairs at the main entrance discharge inside the building on the ground floor floor.	Modify stair to discharge directly outside or provide 2-hr fire-rated exit passageway leading directly outside.	Within 6 months	On 23/04/2017: Found same as before. On 23/08/2017: It has found same as before. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow- up. On 17/02/2019: Corrected based on previous follow ups.	′30/04/2016	We already modified our discharge directly outside (Done)	Corrected	ADD PHOTO
10	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.	Design within 4 months, install within 9 months	On 24/01/2017: Installation has been almost completed. Factory will send test and commissioning request to Accord. On 23/04/2017: Corrected as per T&C On 23/08/2017: Corrected as per previous follow up. Installation shall be as per NFPA 72. On 31/01/2018: Corrected as per last follow ups. During inspection the system found functional. Note: Sound level recommended to be increased on each floors. On 27/06/2018: Corrected as per previous follow-up. On 17/02/2019: Refer to issue 58.	′29/02/2016	Central Fire detection system is installed. (waiting to be commissioned by ACCORD)	Corrected	ADD PHOTO
11	Inspection, testing, and maintenance records for the fire alarm system	Inspect, test and maintain the fire alarm system, and keep ecords on-site, in 10ce with NFPA 72.	Within 3 months	On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′29/02/2016	We have started keeping the written inspection, testing and maintenance records as per the NFPA 72. (Corrected).	Corrected	ADD PHOTO

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12	The fire alarm system does not appear to provide adequate audible notification coverage based upon 3rd floor observation during functional testing.	Provide additional notification appliances such that the fire alarm system is audible throughout the building in accordance with NFPA 72.	Within 6 months	On 24/01/2017: It is an integrated part of fire alarm system. On 23/04/2017: Corrected as per Tic. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 17/02/2019: Refer to issue 58.	′29/02/2016	Central Fire detection system is installed. (waiting to be commissioned by ACCORD)	Corrected	
13	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove the single-station smoke alarms. Provided automatic smoke detectors throughout the building in accordance with NFPA 72.	Within 6 months	On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′29/02/2016	We have provided addressable smoke detector in the mentioned area. (Corrected).	Corrected	ADD PHOTO
14	Manual on-off switch is provided for some emergency lighting exit sign units.	Remove manual on/off switches from emergency lighting / exit sign units to prevent them from being switched off.	Within 1 month	On 23/04/2017: Corrected. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO
15	Directional exit signage missing from northwest corner of 2nd floor.	Provide directional exit signs where exit pathway may not be obvious.	Within 3 months	On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO
16 Aon Fire	[Accessories Building]: Hazardous materials /flammable liquid storage area in the 5th floor is not separated by firerated	Separate the hazardous materials / flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal tected all openings in the required fire eparations.	Within 3 months	On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	Fire rated wall has been provided in at that particular area.	Corrected	ADD PHOTO

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17	Areas used for combustible storage room in the 1st and 5th floors are not separated by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow-up. Note: Factory shall separate the work station located inside the storage room. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	This issue has been resolved.	Corrected	ADD PHOTO
18	The exit stairs are not separated from work areas or other spaces on each floor by firerated 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 automaticclosing devices tied to the fire alarm system.	Within 3 months	On 23/08/2017: In progress. Still few area has not been separated as per ACCORD standard. On 31/01/2018: Corrected. Doors were found functional during inspection. On 27/06/2018: Corrected as per previous follow-up. Note: Interfacing of fire door was not found proper during follow-up inspection. On 17/02/2019: Corrected based on previous follow ups. Interfacing still not done, refer to issue 61.	′28/02/2015	Connecting Bridge Design and drawing has been submitted with DEA submission documents to ACCORD on 16th October,2017.	Corrected	
19	Unsealed penetrations and openings on several floors are located in the fire-rated floor/ceiling assemblies.	Provide a minimum 2-hr firerated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floor/ceiling assemblies to maintain the fire separation.	Within 3 months F-4	On 23/04/2017: Corrected as per previous follow- ups. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	We already have started providing fire rated shaft in the stated areas, hopefully it can be done before given timeline.	Corrected	ADD PHOTO
20 A on Fire	Buildings connected by raised walkways.	Provide a minimum 2-hr firerated construction between huilding and another building.	Within 3 months	On 23/04/2017: Corrected as per previous follow- ups. On 23/08/2017: Corrected On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow- up. On 17/02/2019: Corrected based on previous follow- follow ups.		Fire rated doors are provided. (Done)	Corrected	ADD PHOTO

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21	Unprotected openings are located in the 3rd and 4th floors between the building and utility building.	Provide a minimum 2-hr firerated construction between building and another building.	Within 3 months	On 23/04/2017: Corrected as per previous follow- ups. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow-up. On 17/02/2019: Refer to issue 51.	′30/12/2014	We have taken initiative to provide fire rated construction between building to another building.	Corrected	ADD PHOTO
22	Areas used for combustible storage in ground, 1st and 2nd floors 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 3.66m and maximum area of 93m2 Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months	On 23/04/2017: In progress. Factory is working on this issue. On 23/08/2017: It is found same as before. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	Done	Corrected	ADD PHOTO
23	Exit capacity and number in 4th floor are not adequate for the occupant load. The occupant load for 4th floor is 600 persons, however this exceeds the egress capacity provided which is 353 persons.	Reduce occupant load to not more than available exit capacity and Provide additional exits in the future to increase capacity.	Immediate	On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow- up. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO
24	Egress doors / gates with locking features are provided at building exits and exit stairs All gates/doors were open and unlocked	Remove locking features from all egress doors / gates. If locks are required for security reasons, utilize special door locking features ig with NFPA 101.	Immediate	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO

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Item No	Accord Inspection Observation	Accord Action Plan (Recommendation)	Accord Timeline (given in report)	Comments from Accord (after Physical Inspection)	Final Approved Timeline (DD/MM/ YYYY)	Final Action Plan (Factory)	Progress Status (on the date of Inspection)	Pictorial Evidence
25	Storage was located in the exit stairs.	Remove all storage from exit stairs and egress paths.	Immediate	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	
26	Collapsible gates / sliding doors are provided at building exits and exit stairs	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 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO
27	The SW exit stairs discharge 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 6 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 60.	′30/04/2016	Fire rated exit passageway is provided. (Done)	Corrected	ADD PHOTO
28	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.	Design within 4 months, install within 9 months	On 23/08/2017: Corrected as per previous follow up. Installation shall be as per NFPA 72. On 31/01/2018: Corrected, during inspection the system found functional. On 27/06/2018: Factory need to re-orient the installed fire alarm & detection system at the accessories building. Several places were not under the detection system. Moreover, detector coverage and spacing was not maintained. Interfacing of fire doors, elevator & exhaust fan with the FACP was not observed. On 17/02/2019: Refer to issue 58.	′29/02/2016	Central Fire detection system is installed. (waiting to be commissioned by ACCORD)	Corrected	ADD PHOTO



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29	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 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′29/02/2016	We have started keeping the written inspection, testing and maintenance records as per the NFPA 72. (Corrected).	Corrected	ADD PHOTO
30	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove the single-station smoke alarms. Provided automatic smoke detectors throughout the building in accordance with NFPA 72.	Within 6 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 60.	′29/02/2016	The installation and commissioning work of Addressable Fire Detection system is completed, also the system is functioning very well. The system was tested by the ACCORD inspectors during the last follow-up	Corrected	ADD PHOTO
31	Manual on-off switches in several locations are 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	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO
32	Exit sign not provided at the southwest exits.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO
33 A	Hazardous materials / flammable liquid storage area in the ground floor and ground is not separated by fire-rated	Separate the hazardous materials / flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and or protected all openings in the required fire eparations.	Within 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 54.	′30/12/2014	This issue is corrected. (Done)	Corrected	ADD PHOTO

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34	The boiler, generator and transformer rooms are not separated by fire-rated construction (openings, non-rated doors, penetrations).	Separate the boiler, generator and transformer rooms by a minimum 2-hr fire-rated construction. Seal and or protected all openings to maintain the required fire separations	Within 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow- up. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	fire door is in progress. We have purchased the brand called "NAFFCO" from	Corrected	ADD PHOTO
35	Areas used for combustible storage in the 2nd floor 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 3.66m and maximum area of 93m2 Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months	On 23/08/2017: Corrected On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow- up. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	Fire rated construction has been provided. (Done)	Corrected	ADD PHOTO
36	The exit stairs are not separated from work areas or other spaces on each floor by firerated 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 automaticclosing devices tied to the fire alarm system.	Within 3 months	On 23/04/2017: In progress. On 23/08/2017: In progress. Installation of fire rated door has been almost completed. Interfacing shall be as per NFPA 72. On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow-up. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	Exit stair has been made separated. (Done)	Corrected	ADD PHOTO
37	The compressor room in ground floor is not separated by fire-rated construction (consinue)	Separate the compressor room by a minimum 2-hr firerated construction. Seal and ar protected all openings to 1 the required fire eparations	Within 3 months	On 23/04/2017: In progress. On 23/08/2017: In progress. On 31/01/2018: Work is going on. On 27/06/2018: In progress. On 17/02/2019: Corrected.	′29/02/2016	We have relocated the compressor room at 1st floor of Utility Building from ground floor area & maintained all requirements according to ACCORD standard.(Done).	Corrected	1//05/2010 12:48

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38	Storage rooms used for combustible storage in the 1st and 2nd floors are not separated by fire-rated construction.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′29/02/2016	Fire rated wall is provided. (Done)	Corrected	
39	Egress doors / gates with locking features are provided at building exits and exit stairs. All gates/doors were open and unlocked during the inspection.	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 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 59.	′30/12/2014	Done	Corrected	ADD PHOTO
40	Storage was located in the north exit stairs.	Remove all storage from exit stairs and egress paths.	Immediate	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO
41	Collapsible gates / sliding doors are provided at building exits and exit stairs	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 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 59.	′30/12/2014	All gates / sliding doors along the means of egress will be replaced with side- hinged.	Corrected	ADD PHOTO
42	Exit stair door / egress door serving 50 or more occupants in the 2nd floor does not swing in the direction of egress travel.	Modify the egress door to swing in the direction of egress travel.	Within 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′29/02/2016	We have installed the fire rated door in the mentioned area. (Corrected).	Corrected	ADD PHOTO



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43	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.	Design within 4 months, install within 9 months	On 23/04/2017: Corrected as per T&Cx. On 23/08/2017: Corrected as per previous follow up. Note: Installation shall be as per NFPA 72. On 31/01/2018: Corrected as per last follow ups. Modifications were ongoing. On 27/06/2018: Factory need to re-orient the installed fire alarm & detection system at the utility building. Several places were not under the detection system. Moreover, detector coverage and spacing was not maintained. Interfacing of fire doors, elevator & exhaust fan with the FACP was not observed. On 17/02/2019: Refer to issue 58.	′29/02/2016	Central Fire detection system is installed. (waiting to be commissioned by ACCORD)	Corrected	
44	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 24/01/2017: Corrected. On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′29/02/2016	We have started keeping the written inspection, testing and maintenance records as per the NFPA 72. (Corrected).	Corrected	ADD PHOTO
45	The building is equipped with single-station smoke alarms. Smoke alarm activation sounds only a local alarm and does not provide automatic fire alarm notification of occupants.	Remove the single-station smoke alarms. Provided automatic smoke detectors throughout the building in accordance with NFPA 72.	Within 6 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 58.	′29/02/2016	We already removed single station smoke detector and that is replaced by the addressable fire detection devices. (Corrected).	Corrected	ADD PHOTO
46	Manual on-off switches in several locations are 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	On 23/04/2017: Corrected. On 23/08/2017: Corrected On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/12/2014	Done	Corrected	ADD PHOTO
A on Fire	Exit sian not provided at	Provide exit signs above all he exterior and all to the exit stairs.	Within 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′28/02/2015	The EXIT sign has been installed.	Corrected	ADD PHOTO

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48	New Findings: The existing high-rise building with an occupiable floor greater than 23 m (75 ft) above the finished grade is not protected with an approved automatic sprinkler system. The large occupant loads, heavy fuel loading, and anticipated extended	Provide automatic sprinkler protection throught the building in accordance with NFPA 13.	Design within 3 months and install within 9 months	On 27/06/2018: T&C observation is incorporated below: Battery trouble was present for the diesel engine fire pump. Operation of fire pump initiates Fire alam instead of supervisory agind. Flow Meter was present consider the pump room of was not in proper test mood. Diesel tank was underside. Alone self fire reservoir shares the domestic supply line. Deficiated water supply for fire fighting shall have to ensure. Fire reservoir shares the domestic supply line. Deficiated water supply for fire fighting shall have to ensure. Fire pump room not substantial for sex Old hydrant system is still present. 1/O module for ZCV was not identified &s reveral places addisent occupances. At the store room on the it this Proxy spinisher head with K-S-G has been used instead of K-S-C Old hydrant system is still present. 1/O module for ZCV was not identified &s reveral places addisent of ZCV did not much with the a-build drawing. All the required modification work shall have to be completed as per NFPA-13, 20 & 72. On 17/02/2019: T&C observations (not limited to): Incomplete certification documentation, anti-vortex plate missing, no pump performance test report was found, only pump run is interfaced, no drainage and ventilation in pump room, concentric reducer is used, distance between pump flange and elbow/tee flange is less than 10 diameter of pipe, pressure setting is not proper, negative pressure exceed limit at pump suction side, excessive water leakage from delivery NRV and gaskets, OS&Y valve in Class-I landing valves not electrically supervised, Class-I hose valve has no coupling, sprinkler head is missing at several required locations, coverage area not meet standard at some areas and rooms, sprinkler head spacing is not correct at several locations, head missing under some suspended ceiling areas, hose valve caps were missing. All the deficiencies shall be remediated as soon as possible as per NFPA 13, 14, 20 and 22 prior to acceptance test again.	′30/04/2016	We have completed all tasks according to ACCORD reqiurments & Guidelines, and waiting for ACCORD verification.(Done)	In Progress	03/02/2519 12:10 03/02/2519 12:10
49	'New Finding'' Handrails are not provided on both sides of the exit stairs and ramps.	Provide handrails on both sides of the exit stairs and ramps. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.)	Within 1 month	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′29/02/2016	Addressable Fire Detection System is installed and functioning well. (Done)	Corrected	ADD PHOTO



Iten No	Accord Inspection Observation	Accord Action Plan (Recommendation)	Accord Timeline (given in report)	Comments from Accord (after Physical Inspection)	Final Approved Timeline (DD/MM/ YYYY)	Final Action Plan (Factory)	Progress Status (on the date of Inspection)	Pictorial Evidence
50	New Finding(3rd Follow-up): Elevator is situated inside the production area without fire rated separation Location: Utility Building.	Provide 2 hours fire rated separation to separate the elevator lift from production area.	Within 3 Months	On 23/08/2017: Corrected as per previous follow up. On 31/01/2018: Corrected as per last follow ups. During inspection modification work found ongoing for the building. On 27/06/2018: Corrected as per previous follow-up. On 17/02/2019: Corrected based on previous follow ups.	/00/08/2016	Fire rated separation is provided at the mentioned area. (Done)	Corrected	ADD PHOTO
51	New Finding (4th follow up): Dining room is not separated with storage area.	Remove storage or Provide 1 hr. fire separation of dining room with other occupancy.	Within 2 months	On 23/08/2017: In progress. Work shall be completed as per ACCORD standard. On 31/01/2018: Not Corrected yet. On 27/06/2018: It was found same as it was before. On 17/02/2019: Main building dining has been separated from storage however separated dining discharge occupants inside the storage (egress through storage). Additionally utility building dining floor has no separation or partition from accessories building storage floor (door, windows and connection bridge).	16/12/2016	We have already separated of dining room by providing fire rated wall and fire doors.(Done).	In Progress	17/02/2019 12/03
52	(NEW FINDING(5th Follow up):Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes.	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 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected On 31/01/2018: Corrected On 27/06/2018: Corrected as per previous follow- up. On 17/02/2019: Corrected based on previous follow ups.	′16/02/2017	Done	Corrected	ADD PHOTO



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53	New Finding: Inspection, test & maintenance of the exit sign & emergency lighting system has not been done on regular basis.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site.	Immediate	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	′30/01/2017		Corrected	ADD PHOTO
54	New Finding (On 23/04/2017): Hazardous materials/flammable liquid storage area in the ground floor and ground is not separated by fire-rated construction.	Separate the hazardous materials/flammable liquid storage room by a minimum 2-hr fire-rated construction. Seal and or protected all openings to maintain the required fire separations.	Within 1 month	New Finding (On 23/04/2017). On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Re-opened. Non-rated diesel storage container and storage room is present in front of utility building and not fire separated.	′23/05/2017	Done	In Progress	DESCL GENERATOR FEED TANK DESCL GENERATOR FEED TANK AVAILABLE 22-100
55	New Finding (On 23/04/2017): The exit discharge path is less than 10 ft wide and is not separated from the building interior.	Seal all penetrations and openings to the interior of the building along the discharge path, up to a height of 10 ft. to provide a minimum 1-hr fire separation.	Within 1 month	New Finding (On 23/04/2017). On 23/08/2017: In progress. On 31/01/2018: Modified and now measured 9 ft 7 inch, which is considered corrected based on site observation. On 27/06/2018: Corrected as per previous follow-up. Note: Discharge path width shall not be obstructed which decrease the width of discharge path. On 17/02/2019: Corrected based on previous follow ups. However some window opening still present and shall be sealed.	′23/05/2017	the exit discharge path is now made free of any obstacle .(Done)	Corrected	17/02/2019 12:14

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56	New Finding (On 23/04/2017): Unsealed penetrations and openings on several floors are located in the fire-rated floor/ceiling assemblies.	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 1 month	New Finding (On 23/04/2017) On 23/08/2017: Partially corrected. Work shall be completed as per ACCORD standard. On 31/01/2018: Partially Corrected. Modification work going on. On 27/06/2018: Not corrected. Factory shall separate the lifts (newly constructed) located inside floor area. On 17/02/2019: New lift has been separated. However basement ceiling has non-rated construction on N-W corner of main building. Also non-rated boiler chimney penetrates all floor of utility building.	′23/05/2017	We have sealed all the penetrations & openings. Besides. Separated lift by provided fire rated wall & fire door.(Done)	In Progress	17//02//2019 12-450
57	New Finding (10th Follow Up): Unsealed penetrations and openings are located in exit stair enclosure (Main building, Stair-1 in Ground floor & window opening in utility 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 27/06/2018: New Finding On 17/02/2019: N-E stair is not properly separated from accessories building window opening on ground floor of main building. Main building stair-8 is not protected from sanitary shaft opening. Electrical cable riser/raceway penetrates almost all stair enclosures on ground floor of main building which is not permitted. SBD installed by penetrating stairwell of accessories building.	′27/07/2018	We have sealed all penetrations and openings in the wall by fire rated materials and maintained the fire resistance rating. (Done)	In Progress	17/02/2010 13:23

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em No	Accord Inspection Observation	Accord Action Plan (Recommendation)	Accord Timeline (given in report)	Comments from Accord (after Physical Inspection)	Final Approved Timeline (DD/MM/ YYYY)	Final Action Plan (Factory)	Progress Status (on the date of Inspection)	Pictorial Evidence
58	New Finding: Installed fire alarm and detection system does not comply with NFPA 72. Alarm signal is not temporal three type, low audibility, MCP not working/responding, detector coverage not to standard, MCP is in stair and more than 5ft in floors, battery calculation and as-built design not up to date, trouble/pre-alarm exist in FACP.	Fire alarm and detection system shall confirm compliant to NFPA 72. After re-configuring the system notify the Accord for a testing and commissioning verification inspection.	Within 2 months		17-04-2019			17/02/2019 12 21
59	New Finding: Non- compliant collapsible gate at main building office portion and sliding gate present at utility building stair discharge on ground floor.	Replace all collapsible/sliding/shutter type doors & gates by the side-hinged swinging type doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate		20-02-2019			17/02/2018 12:00
60	New Finding: Front exit stairs of accessories building and utility building is discharge the occupants inside the building. Both building has extended canopy made by steel construction and nonseparated utilities, offices and building openings	1. Modify stair to discharge directly outside. Or 2. Provide 2-hr fire-rated exit passageway leading directly outside (vestibules to separate any storage areas). Or 3. Provide sprinkler protection for discharge floor in accordance	Within 2 months		17-04-2019			GFPCE ROXM 1770279018 13:80

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61	New Finding: Some fire doors are not interfaced with FACP and some fire doors has narrower leaf interfaced with FACP without door closer and push bar.	Re-configure fire door installation and interfacing with FACP thus it satisfy standard as well as fire separation integrity.	Within 1 month		17-03-2019			1//02/9040 11:50
62	New Finding: Building expansion joint opening is not protected by fire rated material.	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 sealant to seal the expansion joint openings from each floor.	Within 2 months		17-04-2019			TW//02//2019 13:03
63	New Finding: Non-rated exhaust duct penetration located within separated chemical storage at ground floor.	Re-route the exhaust duct and seal all penetrations and openings in the fire rated separation walls (full thickness of the wall) by fire rated materials to maintain the fire resistance rating.			17-04-2019			17/02/2019 12:11
64	New Finding: Utility building dining floor exit capacity is not adequate for the occupant load. Dining capacity more than 500 and provided with only 2 exit.	1. Reduce occupant load to not more than available exit capacity as per Accord 6.5.4 and 6.6.3. Or 2. Provide additional exits to increase exit capacity as per Accord 6.5.4 and 6.6.3.	Within 1 month		17-03-2019			1770222619 12-29

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