FIRE SAFETY FOLLOW UP INSPECTION

Factory Name	A.K.M. KNIT WI	EAR LTD.	Factory ID 917		
Address	14 No. Genda, Ka	rnopara, Ulail, Savar			
Initial Inspection Date	24-Mar-2014		Report Received Date		
Date of 1st Follow-up	13-Feb-2015	Date of 2nd Follow-up	17-Jan-2016		
Date of 3rd Follow-up	09-May-2016	Date of 4th Follow-up	28-Jul-2016		
Date of 5th Follow-up	16-Nov-2016	Date of 6th Follow-up	24-Jan-2017		
Date of 7th Follow-up	23-Apr-2017	Date of 8th Follow-up	23-Aug-2017		
Date of 9th Follow-up	31-Jan-2018	Date of 10th Follow-up	27-Jun-2018		
Date of 11th Follow-up	17-Feb-2019	Date of 12th Follow-up	05-Sep-2021 and 13-Sep	p-2021	

Inspected by	Md. Rakibul Alam
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Item No	Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress Status	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-Feb-2015	All fire doors have been interfaced with FACP and ensure with door closer and push bar according to ACCORD recommendation s. (Pending Verification)	Corrected	ADD PHOTO
2	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 3.6m and maximum area of 93m2 Separate areas of unenclosed combustible storage by a minimum 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-Feb-2015	Our engineering team already made a plan to complete the task according to Accord guidelines. Hopefully the task will complete within 3 months. (In progress)	Corrected	
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 itomaticclosing on the fire	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-Feb-2015	Due to misinformation the issue has been reported. There are no penetration of exhaust duct located chemical storage at ground floor. (Pending Verification)	Corrected	

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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-Dec-2014	To ensure adequate departure, we have added two additional egress door at the utility building and now four exits can be use to depart from the dinning hall. ((Pending Verification)	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-Dec-2014		Corrected	
6	Doors / gates with locking features are provided along some egress paths. 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 as per previous follow up. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Refer to issue 59.	30-Dec-2014		Corrected	
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-Dec-2014		Corrected	



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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-Dec-2014		Corrected	
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-Apr-2016		Corrected	
10		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-Feb-2016		Corrected	
11	Inspection, testing, and maintenance records for the fire alarm system were 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 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	29-Feb-2016		Corrected	



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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-Feb-2016		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-Feb-2016		Corrected	
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-Dec-2014		Corrected	
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-Dec-2014		Corrected	



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16	[Accessories Building]: Hazardous materials /flammable liquid storage area in the 5th floor is not separated by firerated construction (openings, non-rated doors, penetrations).	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 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-Feb-2015		Corrected	
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-Feb-2015		Corrected	
18	The exit stairs are not separated from work areas or other spaces on each floor by firerated construction.	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 automaticalosing	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-Feb-2015		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-Dec-2014		Corrected	



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20	Buildings connected by raised walkways.	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: Corrected based on previous follow ups.	28-Feb-2015		Corrected	ADD PHOTO
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-Dec-2014		Corrected	
22	Areas used for combustible storage in ground, 1st and 2nd floors are not separated by fire-rated construction.	rroviue 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 95m2 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-Feb-2015		Corrected	
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-Dec-2014		Corrected	



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24	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: Corrected based on previous follow ups.	30-Dec-2014		Corrected	
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-Dec-2014		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-Dec-2014		Corrected	
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-Apr-2016		Corrected	



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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, clevator & exhaust fan with the FACP was not observed. On 17/02/2019: Refer to issue 58.	29-Feb-2016		Corrected	
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-Feb-2016		Corrected	
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-Feb-2016		Corrected	
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-Dec-2014		Corrected	



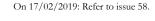
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32	Exit sign not provided at the southwest exits.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 3 months	On 23/04/2017: Corrected. On 23/08/2017: Corrected. On 31/01/2018: Corrected On 27/06/2018: Corrected. On 17/02/2019: Corrected based on previous follow ups.	30-Dec-2014		Corrected	
33	Hazardous materials / flammable liquid storage area in the ground floor and ground is not separated by fire-rated construction (openings, non-rated doors, penetrations).	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 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-Dec-2014		Corrected	
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-Feb-2015		Corrected	
35	Areas used for combustible storage in the 2nd floor are not separated by fire-rated construction.	rowide 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 25m2 - 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-Feb-2015		Corrected	



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36	The exit stairs are not separated from work areas or other spaces on each floor by firerated construction.	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	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-Feb-2015		Corrected	ADD PHOTO
37	The compressor room in ground floor is not separated by fire-rated construction (openings, non-rated doors, penetrations).	Separate the compressor room by a minimum 2-hr firerated construction. Seal and or protected all openings to maintain the required fire separations	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-Feb-2016		Corrected	
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-Feb-2016		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-Dec-2014		Corrected	



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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-Dec-2014		Corrected	
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-Dec-2014		Corrected	
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-Feb-2016		Corrected	
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.	29-Feb-2016		Corrected	





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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-Feb-2016		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-Feb-2016		Corrected	
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-Dec-2014		Corrected	
47	Exit sign not provided at the 2nd floor exit.	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.	28-Feb-2015		Corrected	



Item No	Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress Status	Pictorial Evidence
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 alarm instead of supervisory signal. Flow Meter was present outside the pump room & was not in proper test mood. Diesel tank was undersized. Auto re-fil for fire reservoir shares the domestic supply line. Dedicated water supply for fire fighting shall have to ensure. Fire pump room not separated from the adjacent occupancies. At the store room on 1st & 10th Floor, sprinkler head with K-5.6 has been used instead of K-8. Old hydrant system is still present. 1/O module for ZCV was not identified & at several places address of ZCV did not match with the as-built 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. On 02/07/2019: Not Approved. See the T&C report for details.	30-Apr-2016	RSC instruction, we have completed all tasks & we are ready for T&C of sprinkler system. In addition, In this ID, ACCORD/ RSC covered 5 buildings where all structural issues have been corrected. However, After the initial inspection among five buildings, R&D & Dryprocess buildings are not audited on electrical & fire safety part. Therefore, we are requesting to include R&D & dry process building in the fire & electrical safety part.	In Progress	
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-Feb-2016		Corrected	
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.	09-Aug-2016		Corrected	



Item No	Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress Status	Pictorial Evidence
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). On 05/Sep/2021: Main building and utility building dining has been separated from storage areas/floors however separated dining of both buildings discharge the occupants inside the adjacent storage (egress through storage). Additionally connection bridge is used as egress which is non-rated where rated is required to separate/protect the bridge from lower floor.	16-Dec-2016	We have already separated discharge path of storage by fire rated wall and fire doors. Furthermore, utility building has been separated from accessories building and removed all storage from accessories building. (Pending Verification)	In Progress	
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-Feb-2017		Corrected	
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-Jan-2017	We have already removed diesel storage container from infront of Utility Building. (Pending Verification)	Corrected	



Item No	Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress Status	Pictorial Evidence
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. On 05/Sep/2021: Removed. Not found.	23-May-2017	We have already removed diesel storage container from infront of Utility Building. (Pending Verification)	Corrected	
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-May-2017	As per Accord instruction we have ensure fire rated construction of the basement celing by 2 hours concrete slab at N-W corner of main building. And utility riser also separated and protected by fire rated materials. (Corrected	ADD PHOTO
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. On 05/Sep/2021: Fire rated construction has been provided at basement ceiling on N-W corner of main building. Fire rated shaft has been provided for 2 boiler chimnies among 5 chimnies at utility building.	23-May-2017	As per Accord instruction we have ensure fire rated construction of the basement celing by 2 hours concrete slab at N-W corner of main building. And utility riser also separated and protected by fire rated materials. (Pending Verification	In Progress	

Verification

provided for 2 boiler chimnies among 5 chimnies at utility building.



Item No	Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress Status	Pictorial Evidence
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. On 05/Sep/2021: N-E stair is not properly separated from accessories building window opening on ground floor of main building. Cable (electrical/optical) riser/raceway penetrates several stair enclosures on ground floor of main building which is not permitted.	27-Jul-2018	We have separated stairs properly and closed window opening of ground floor building, sanitary shaft opening sealed by fire rated wall, Electrical cable riser /raceway penetration sealed by fire rated materials of all building & Sub Distribution	In Progress	
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 asbuilt design not up to date, trouble/pre-alarm exist in FACP.	Fire alarm and detection system shall confirm compliant to NFPA 72. After reconfiguring the system notify the Accord for a testing and commissioning verification inspection.	Within 2 months	On 05/Sep/2021: reportedly modification is completed however system is found unhealthy condition with lots of trouble/pre alarm/supervisory in FACP and repeater panels.	17-Apr-2019	Board set up RS per Acculu RSC instruction, we have completed all tasks & we are ready for T&C of fire alarm & detection system. In addition, In this ID, ACCORD/ RSC covered 5 buildings where all structural	In Progress	MORE EVENTS MORE EVENTS MORE FIRES MORE PRE-ALARMS MORE TROUBLE MORE DISABLEMENTS MORE OTHER More More of the control
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	On 05/Sep/2021: removed. Not found.	20-Feb-2019	Right after the audit we have removed collapsible gate from Utility Building. (Pending Verification)	Corrected	
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 non-separated utilities, offices and building openings present there.	Modify stair to discharge directly outside. Or 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 with NFPA 13.	Within 2 months	On 05/Sep/2021: Found almost same as before. N-E exit of main building also discharge the occupant under the extended canopy.	17-Apr-2019	We have ensured sepertate discharge passageway of occupants at Accessories and Utility Building. At the extended canopy area, we have ensured AFDS. (Pending Verification)	In Progress	



Item No	Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress	Pictorial Evidence
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.		On 05/Sep/2021: Corrected.	17-Mar-2019	All fire doors have been interfaced with FACP and ensure with door closer and push bar according to ACCORD recommendation s. (Pending Verification)	Status Corrected	EXIT
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	On 05/Sep/2021: Reportedly listed material is used to seal the joint however product sample/packaging/drum is not provided to check UL certification mark and classification mark on the product also application is not as per UL certified design.	17-Apr-2019	We have already sealed the building expansion join by fire-rated materials to maintain the fire-resistance rating of each floor, the work is fully completed. (Pending Verification)	In Progress	
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.	Within 2 months	On 05/Sep/2021: Corrected.	17-Apr-2019	Due to misinformation the issue has been reported. There are no penetration of exhaust duct located chemical storage at ground floor. (Pending Verification)	Corrected	
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.	Reduce occupant load to not more than available exit capacity as per Accord 6.5.4 and 6.6.3. Or Provide additional exits to increase exit capacity as per Accord 6.5.4 and 6.6.3.	Within 1 month	On 05/Sep/2021: Additional 2 exit is provided for the utility building dining. See issue 51 for access to stair/egress discharge feature.	17-Mar-2019	To ensure adequate departure, we have added two additional egress door at the utility building and now four exits can be use to depart from the dinning hall. ((Pending Verification	Corrected	



Item No	Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress Status	Pictorial Evidence
65	New Finding (12th follow up): The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction. (Location: Dry process and R&D building. Fire doors are provided however door hardware missing/not working and unprotected opening/penetration observed.)	Stair shall be enclosed with a minimum 1-hr fire-rated construction. Seal all unprotected openings and provide minimum 1-hr fire rated doors to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing, positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	Within 2 months	On 13/Sep/2021: Both buildings are added in the scope of fire safety followup inspection.	13-Nov-2021			AL-MUNICATION SIGNATURE CANCEL TO THE PARTY OF THE PARTY
66	New Finding (12th follow up): Existing 3 story non-rated building (dry process building) having floor area more than 2000 sqm (22000 sft) is required to be protected with an approved automatic sprinkler system where sprinkler installation is going on. Automatic sprinkler system installation requires detailed review to confirm compliance with NFPA 20 and ACCORD standards.	Install an automatic sprinkler protection throughout the building in accordance with NFPA 13. Before that, Submit the drawings, equipment certification and other relevant documentation to the RSC for review and approval.	Design within 1 months, install within 3 months		13-Jan-2022			
	New Finding (12th follow	Separate the water pump room by minimum 1-hr fire-rated construction. If factory wants to provide						



stair enclosure at dry provided. If required, provide a Within 2 months

13-Nov-2021



up): The water pump room pump room exit within the exit is located within the exit stair then vestibule shall be

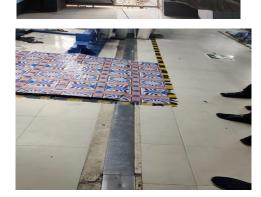
process building and not provided with adequate fire separation from the stair.

1 hr fire rated door on the exit stair side and a 1-hr fire rated door on the water pump room

side. Ensure that the fire rating of the vestibule construction matches that of the exit stair enclosure.

Item No	Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress Status	Pictorial Evidence
68	New Finding (12th follow up): Chemical storage is not separated by fire-rated construction having rated door and unsealed penetrations and openings.	Ensure that the chemical room is located within a Type-1 construction and separate the chemical storage room by 2-hr fire rated construction. Seal all penetrations and protect the openings to maintain the required fire separations. Keep 16-points MSDS of all chemicals in the storage area. As per BNBC, chemical storage room shall be Type-1 construction.	Within 2 months		13-Nov-2021			
69	New Finding (12th follow up): Clear headroom in the means of egress (exit stair) is less than 2.03 m (6 ft 8 in.) at dry process building S-E exit.	Increase the headroom in the means of egress in accordance with Accord standard 6.3.3.	Within 2 months		13-Nov-2021			EXIT

13-Nov-2021





New Finding (12th follow

up): Building expansion

joint opening is provided

with fire rated material

however manufacturer and

listing body guideline and

design method is not

maintained.

Location: Dry process

building.

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 in accordance with

manufacturer and listing body guideline.

Within 2 months

Final Factory Progress Inspection Inspection Observation Pictorial Evidence Inspection Action Plan **Inspection Comments** Timeline Timeline Action Plan Status

> Mixed occupancy of E3 and G2 is not permitted as per Table-3.2.1, BNBC 2006. E3 -Large assembly without fixed seat (accommodation for more than 300 persons) and G2 -Moderate hazard industries.

Remove any one occupancy from 2nd floor.

Modify the seating arrangement to reduce the accommodation to less than 300 person to have E4 occupancy and separate the E4-small assembly occupancy without fixed seat (accommodation for less than

300 persons) by a minimum 3hr fire rated construction having two (2) direct access to exit stair/outside of the buildina. Seal and/or protect all

openings to maintain the required fire separations

Within 1 month

New Finding (12th follow up): Exit capacity is not adequate for the occupant load.

New Finding (12th follow

up): Dining facility with

seating arrangement of 700

person is provided at R&D

building 2nd floor with

cutting section.

Location: 1st and 2nd floor Reduce occupant load within the building is provided with 500 at ground floor and 368 at other floors. Available occupant load is 50+dining seating arrangement of 700 person at 2nd floor, 421 at 1st floor and 315 at ground floor.

at R&D building. All floor of given timeline to not more than available exit capacity. 2 exit, available capacity is Provide additional exits in the future to increase exit capacity.

Within 1 month

13-Oct-2021

13-Oct-2021

470 426 1358 315 421 &D Ground 1 Floo R&D 50 R &D Ground 2 Floo 786



Item No Inspection Observation	Inspection Action Plan	Inspection Timeline	Inspection Comments	Final Timeline	Factory Action Plan	Progress Status	Pictorial Evidence
New Finding (12th follow up): The fire alarm system is antiquated, not a listed	Replace the fire alarm system	Desian					

up): The fire alarm system is antiquated, not a listed system and does not provide alarm and notification features consistent with acceptable standards.

Location: Both building.

Replace the fire alarm system with a new, listed automatic addressable fire alarm system in accordance with NFPA 72 and ACCORD standards.

Design within 1 month, install within 3 months

13-Jan-2022

