FIRE SAFETY FOLLOW UP INSPECTION

| Factory Name | Raidha Collectio | ons Ltd. | Accord ID | 11304 | | | | | |
|-------------------------|--------------------------------------|-----------------------------------------|----------------------|-------|--|--|--|--|--|
| Address | Habirbari, Zami | abirbari, Zamirdia, Valuka, Mymensingh. | | | | | | | |
| Initial Inspection Date | 06-Aug-2014 | | Report Received Date | | | | | | |
| Date of 1st Follow-up | 24-Aug-2015 | Date of 2nd Follow-up | 22-Feb-2016 | | | | | | |
| Date of 3rd Follow-up | 26-Apr-2016 | Date of 4th Follow-up | 22-Aug-2016 | | | | | | |
| Date of 5th Follow-up | 07-Nov-2016 | Date of 6th Follow-up | 10-Jan-2017 | | | | | | |
| Date of 7th Follow-up | 10-Apr-2017 | Date of 8th Follow-up | 20-Jul-2017 | | | | | | |
| Date of 9th Follow-up | 14-Dec-2017 | Date of 10th Follow-up | 18-Jul-2018 | | | | | | |
| Date of 11th Follow-up | 13-Nov-2018 | Date of 12th Follow-up | 21-Apr-2019 | | | | | | |
| Date of 13th Follow-up | 28-July-2019 | Date of 14th Follow-up | | | | | | | |
| Inspected by | Nirmal Chandra Sinha & Ahammad Kabir | | | | | | | | |

| | | Hispected by | | TAITHAI CHAIGIA SIIIIA & THAITHI | au Rabii | | | |
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| Item No | Accord Observation | Accord Recommendation | Timeline given by Accord | Comments after Physical Inspection | Supposed to complete (DD/MM/Y YYY) | Final Action Plan (Factory) | Status on the date of Inspection | Pictorial Evidence |
| 1 | The generator, boiler & transformer rooms are not separated by firerated construction (openings, non-rated doors, penetrations) on the ground floor. | Separate the generator, boiler & 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 10/01/2017: Partially corrected. Boiler & Generator: Corrected. Required fire separation has been provided. Transformer: Work in progress. Fire door installation is balanced. On 10.04.2017: Corrected as per site observation. Proper separation has been provided by fire rated construction. On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: Corrected on previous follow-ups. On 13/11/2018: Corrected On 21/04/2019: Corrected. | 30-May-2016 | Done | Corrected | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| | | Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building. | | On 10/01/2017: Work in progress. Civil work and fire door installation is ongoing. | | | | |

The exit stairs are not separated from work areas on each floor by fire-rated construction.

Provide minimum 1.5-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.

On 10/01/2017: Work in progress. Civil work and fire door installation is ongoing.
On 10.04.2017: Factory management has installed 41nos fire doors and opened LC for 13nos fire doors.

fire doors and opened LC for 13nos fire doors. On 20/07/2017: Corrected.

Within 3 months On 14/Dec/2017: Corrected as per previous follow up. 18-07-2018: Corrected on previous follow-ups. On 13/11/2018: Corrected On 21/04/2019: Corrected.

On 28/07/2019: Corrected.

Corrected

Work done

according to

Accord guide

line.

30-May-2016





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|------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------|
| 3 | Rooms used for combustible storage are not separated by firerated construction on the ground, 1st, 4th and 5th floors. | Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction | Within 3 months | On 07/11/2016: In progress. On 10/01/2017: Work in progress. Civil work and fire door installation is ongoing. On 10.04.2017: Factory management has opened LC for 13nos fire doors. On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: Corrected on previous follow-ups. On 13/11/2018: Corrected On 21/04/2019: Corrected as per previous follow up. On 28/07/2019: Corrected. | 30-May-2016 | Work done according to Accord guide line. | Corrected | 20/07/2019 14:10 |
| 4 | Areas used for combustible storage are not separated by firerated construction on the 4th & 5th floors. | 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 07/11/2016: Corrected. On 10/01/2017: Corrected. On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: On 13/11/2018: Corrected On 21/04/2019: Corrected. Maintaining. On 28/07/2019: Corrected. Maintaining. | 22-Feb-2016 | We are keeping those materials at defined storage area & removed from earlier location | Corrected | |
| 5 | Unsealed penetrations and openings 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. | Within 3 months | On 22/08/2016: Corrected. Unsealed penetrations were found sealed during the time of inspection. On 07/11/2016: Corrected. On 10/01/2017: Corrected. On 10.04.2017: Corrected as per site observation. On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: Corrected on previous follow-ups. On 13/11/2018: Corrected On 21/04/2019: Corrected. Sealed. On 28/07/2019: Corrected. | 30-May-2016 | Done | Corrected | 23/87/2819 18-23 |
| 6 | Egress doors with locking features are provided at building | Remove locking features from all egress doors. If locks are required for security | Immodiato | On 22/08/2016: Corrected. No locking features were observed during the time of inspection. On 07/11/2016: Corrected. On 10/01/2017: Corrected. On 10.04.2017: Corrected as per site observation. On 20/07/2017: Corrected | 25 Apr 2015 | Locking features are | Corrected | |



Egress doors with locking from all egress doors. If locks features are provided at building are required for security reasons, utilize special door locking features complying with NFPA 101.

Immediate

On 10.04.2017: Corrected as per site observation. On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: Corrected on previous follow-ups.

25-Apr-2015 features are

removed

Corrected

On 13/11/2018: Corrected

On 21/04/2019: Corrected. Removed.

On 28/07/2019: Corrected. Removed.





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|------------|--------------------|---------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|----------------------------------------|--|
| | | Replace all sliding doors | | On 22/02/16: Completed On 26/04/16: Corrected. On 22/08/2016: Corrected. No non-compliant gates were found during the time of inspection. On 07/11/2016: Corrected. | | | | |

Sliding doors are provided at building exits & exit stairs on every floor.

along the means of egress with sidehinged, swinging egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.

Within 1 months

On 10/01/2017: Corrected. On 10.04.2017: Corrected as per site observation. On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: Corrected on previous follow-ups.

On 13/11/2018: Corrected On 21/04/2019: Corrected. Replaced. 25-Apr-2015 Done

Corrected



On 28/07/2019: Corrected.

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 Design within 4 with a new, listed addressable fire alarm system in accordance with NFPA 72.

months, install within 9 months

On 18-07-2018: During the time of testing and commissioning, the factory was found unprepared for T&C. Modification work is on-going On 13/11/2018: During the time of testing and commissioning audibility level has been found less in ground, 6th, 7th floor. On 21/04/2019: Not corrected. During follow up (testing & commissioning) inspection it was observed that modification needed before system being accepted and following observations were found: 1. Audibility needs to be evaluated and corrected in those locations where it is inadequate such as 2nd, 3rd, 4th & 5th floors. 2. Wiring to the fire alarm control panels were not protected against damage. Battery & voltage drop calculation shall be according to NFPA 72. Wiring diagram shall be provided as the clear indication of As-built condition. MCP, sounder & detector device shall be provided at all required locations throughout the building in factory premises. Correct documentation is needed to confirm system capabilities for operation on stand-by power. All the deficiencies shall be remediated as soon as possible as per NFPA 72 and Accord standard prior to acceptance test

On 28/07/2019: Corrected. During Testing & Commissioning fire alarm system was functional properly and audibility level is accepted based on the observation along with site condition.

30-May-2016 In progress Corrected





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|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------|----------------------------------------|--------------------|
| | The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with | | | On 07/11/2016: Work in progress. ACCORD reviewed design was available during the 5th follow-up inspection. Installation work is going on. On 10/01/2017: Work in progress. ACCORD reviewed design was available during the 6th follow-up inspection. Installation work is going on. On 10.04.2017: Design has been reviewed from Accord and installation is almost completed. | | | | ADD PHOTO |
| 9 | automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection. | Provide automatic sprinkler protection throughout the building in accordance with NFPA 13. | months, install within 12 months | On 14/Dec/2017: Testing and commissioning failed. As built drawing shall be perfect. Hydraulic calculation and pressure flow shall be available with as built drawing. Zone control valve shall be interfaced with fire alarm system. Sprinkler system shall be functional as per NFPA 13. On 18-07-2018: During the time of testing and commissioning, the factory was found unprepared for T&C. Modification work is on-going. On 13/11/2018: Corrected. On 21/04/2019: Corrected as per last follow-up. This issue is reflected in issue no. 22. | 30-Jun-2016 | Done | Corrected | |
| | | | | On 20/07/2017: It is an integrated part of Fire Alarm | | | | |

Activation of the fire alarm system by a manual fire alarm station provides automatic 10 occupant notification only on the floor of alarm and not throughout the building. Specify any manual fire alarm station alarm sequence / conditions

Configure the fire alarm system to initiate automatic occupant notification on all floor levels to facilitate wholebuilding evacuation upon activation.

On 18-07-2018: Integrated part of fire alarm & detection

system. During the time of testing and commissioning, the Within 1 months is on-going.

factory was found unprepared for T&C. Modification work On 13/11/2018: During the time of testing and

System.

commissioning audibility level has been found less in ground, 6th, 7th floor. On 21/04/2019: It is an integrated part of fire alarm system.

On 14/Dec/2017: Integrated part of fire alarm & detection

30-May-2016 In progress

On 28/07/2019: Corrected.

Corrected IRE EXTINGUISHER



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|------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11 | Inspection, testing, and maintenance of the fire alarm system is not in accordance with NFPA 72. | Inspect, test and maintain the fire alarm system, and keep written records on-sile, in accordance with NFPA72. | Within 3 months | On 22/02/16: It is an integrated part of fire alarm system. On 26/04/16: It is an integrated part of fire alarm system. On 22/08/2016: Corrected. Factory is maintaining a standard checklist as per code. On 07/11/2016: Corrected. On 10/01/2017: Corrected. On 10.04.2017: Corrected. On 20/07/2017: Corrected On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: Corrected on previous follow-ups. On 13/11/2018: Corrected On 21/04/2019: Corrected. | 30-May-2016 | Done | Corrected | ### A STATE OF THE PROPERTY OF |
| 12 | Inspection, testing, and maintenance for the emergency lighting system was not in accordance with The ACCORD standard. | Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on site. | Within 3 months | On 22/02/16: Completed On 26/04/16: Corrected. On 22/08/2016: Corrected. Factory is following a standard cheeklist as per code. On 07/11/2016: Corrected. On 10/01/2017: Corrected. On 10.04.2017: Corrected. On 20/07/2017: Corrected On 14/Dec/2017: Corrected as per previous follow up. 18-07-2018: Corrected on previous follow-ups. On 13/11/2018: Corrected On 21/04/2019: Corrected. Maintaining. On 28/07/2019: Corrected. | 25-Mar-2015 | Done | Corrected | MANTERIANGE INSPECTION CHECKIDS No. Several properties 19 |





On 28/07/2019: Corrected.

On 21/04/2019: Corrected. Provided.



New Finding (1st Floor): Exit sign

not provided at exit.

shall be continuously

illuminated.

13

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|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------|----------------------------------------|---------------------|
| 14 | New Finding (1st Floor): Directional signs are not provided where direction of the path of travel to an exit has changed. | Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious. | Within 1 months | On 22/02/16: Completed On 26/04/16: Corrected. On 22/08/2016: Corrected. Directional signs were found on production floor during the time of inspection. On 07/11/2016: Corrected. On 10/01/2017: Corrected. On 10.04.2017: Corrected as per site observation. On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: Corrected on previous follow-ups. On 13/11/2018: Corrected On 21/04/2019: Corrected. Provided. On 28/07/2019: Corrected. | 24-Sep-2015 | Done | Corrected | \$2.107//2019 15 41 |
| 15 | New Finding (1st Floor): 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 villumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles. | Within 1 months | On 22/02/16: Completed On 26/04/16: Corrected. On 22/08/2016: Corrected as per previous follow-up however factory need to increase the number of lights on the production floor along aisles. On 10/1/2016: Corrected. On 10/01/2017: Corrected. On 10.04.2017: Corrected as per site observation. On 20/07/2017: Corrected On 14/Dec/2017: Corrected 18-07-2018: Corrected on previous follow-ups. On 13/11/2018: Corrected On 21/04/2019: Corrected. On 28/07/2019: Corrected. | 24-Sep-2015 | Done | Corrected | 8107/2019 17:01 |
| | New Finding in 4th follow-up: | | | On 22/08/2016: New Finding On 07/11/2016: Corrected. Removed. On 10/01/2017: Corrected. On 10.04.2017: Corrected as per site observation. On 20/07/2017: Corrected | | | | 8 |

25-Aug-2016

Done

Corrected

On 13/11/2018: Corrected On 21/04/2019: Corrected. Removed. On 28/07/2019: Corrected. Removed.

18-07-2018: Corrected on previous follow-ups.

Immediate On 14/Dec/2017: Corrected



stair. Location: Pump room at

stair-2,3 and 4.

Storage was located in the exit Remove all storage from exit

stairs.

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|------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------|----------------------------------------|--------------------------|
| 17 | New Finding (7th Follow-Up): Areas used for in-process storage of combustible materials are open to the surrounding occupancy | | Within 1 months | On 10.04.2017: NEW FINDING. On 20/07/2017: In progress. The current pile shall be covered by sprinkler as the sprinkler issue gets corrected. On -18-07-2018: Not corrected. Huge storage were observed located randomly within production area. On 13/11/2018: Corrected On 21/04/2019: Corrected. Maintaining. On 28/07/2019: Corrected. Maintaining. | 10-May-2017 | Done According to accord guide line | Corrected | 20/87/2510 10:47 |
| 18 | exit discriarge patris serving the | 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. Alternatively, provide a second remote discharge path to the public way (only include this if feasible) | Within 1 months | On 10.04.2017: NEW FINDING. On 20/07/2017: Unprotected opening observed On 14/Dec/2017: In progress On 18-07-2018: Not corrected. Huge modification work pending. On 13/11/2018: In progress On 21/04/2019: Corrected. Sealed. On 28/07/2019: Corrected. | 10-May-2017 | In progress | Corrected | 2207742010 10322 |
| | | | | On 10.04.2017: NEW FINDING. | | | | & RAIDHA COLLECTIONS LTD |

New Finding (7th Follow-Up): The dining area in the fifth floor is not construction having a direct separated from adjacent production floor area by fire rated and/or protected all openings construction.

Separate the dining area by a minimum 3-hr fire-rated eparations.

access to exit stair. Seal to maintain the required fire

On 20/07/2017: In progress. On 14/Dec/2017: In progress. Direct exit access from the dining facilities to the exit stair is not provided yet. On 18-07-2018: Observed same as last follow-up. Within 2 months On 13/11/2018: Corrected

On 21/04/2019: Corrected. Factory has provided 2 nos exit direct to exit stair from dining area.

10-Jun-2017

Done

Corrected

On 28/07/2019: Corrected.





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|------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------|-------------------|
| 20 | New Finding (10th FU): Egress door serving 50 or more occupants but does not swing in the direction of egress travel. | Modify swing direction of egress doors to the direction of egress travel. Doors serving an occupant load of more than 50 shall swing in the direction (out-ward) of egress travel . | Within 1 months | On 18-07-2018: New Finding On 13/11/2018: Corrected. On 21/04/2019: Corrected. On 28/07/2019: Corrected. | 19-Aug-2018 | Done | Corrected | |
| 21 | New Finding (10th FU): Unsealed penetrations were observed from utility section towards the enclosed exit discharge path. | Seal all penetrations and openings with rated construction. | Within 1 months | On 18-07-2018: Corrected. On 13/11/2018: In progress. From washing section, unsealed opening was present with the exit discharge path. On 21/04/2019: Corrected. On 28/07/2019: Corrected. | 19-Aug-2018 | Done According to accord guide line | Corrected | |

On 21/04/2019: New Finding

satisfactory.

pump (both diesel & electric) performance was found

21-May-2019

Corrected



29/07/2019 1





New Finding (On 21/04/2019): During follow up inspection following observations were found in fire pump room: 1. Suction line to the diesel pump, and suction line to the electric pump, does not meet NFPA 20 requirements. For each pump, an elbow was present in the line within 10 times suction

pipe diameter of the pump suction

supervision not provided in water

reservoir. 3. The pressure

sensing lines for each pump are not constructed as per standard materials.

Note: Factory main production building is covered by sprinkler system due to most occupiable floors building height is more than 75 feet.

flange, and a concentric reducer Accord standard. Protection

flange. 2. Water level gauge or shall be deigned as per NFPA

Install / Modify fire pump

according to NFPA 20 &

13, 14 & 20 and Accord

standard.

was fixed to the pump suction system (sprinkler & standpipe) Within 1 month On 28/07/2019: Corrected. During functional test fire