

FIRE SAFETY INSPECTION REPORT

B2B EXCELLENCE LTD
MIRZAPUR PURBAPARA, 8 NO MIRZAPUR MOWZA,
MIRZAPUR,

OTHER FACTORIES: NONE



ACC  **RD**
on Fire and Building Safety in Bangladesh

June 26, 2014

SUMMARY

B2B Excellence Ltd was surveyed for fire safety on 6/26/2014 by Hughes Associates, Inc. This summary identifies the major deficiencies that were identified during the inspection.

The purpose of this survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the Accord. The scope of this initial fire safety inspection was limited to the review and identification of major fire safety issues. The inspection did not include identification of minor deficiencies, which will be further addressed as part of follow-up inspections.

Tables 1 - 2 summarizes the major fire safety issues identified during the inspection. Recommendations have been provided to address each issue.

An implementation schedule shall be developed by the factory to remediate each of the findings. The specific timing of improvements, including any requested extensions due to design / installation constraints, shall be submitted to the Accord for approval.

Table 1. Findings And Recommendations - B2B Excellence Ltd Building 1

| No. | Category | Finding | Recommendation | Remediation Timeframe |
|-----|----------------------------|--|--|--------------------------|
| F-1 | Fire Rated Construction | Areas used for combustible storage are not separated by fire- rated construction in the finishing section ground floor. | <p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows:</p> <ul style="list-style-type: none"> - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² <p>Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.</p> | Within 3 months |



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|-----|-------------------------|--|--|-----------------|
| F-2 | Fire Rated Construction | The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction in the main exit stairwell. | 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. | Within 3 months |
| | | | If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system. | |





F-3 Egress

Egress doors and gates with locking features are provided at building exit discharge.

Remove locking features from all egress doors / gates.

Immediate

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



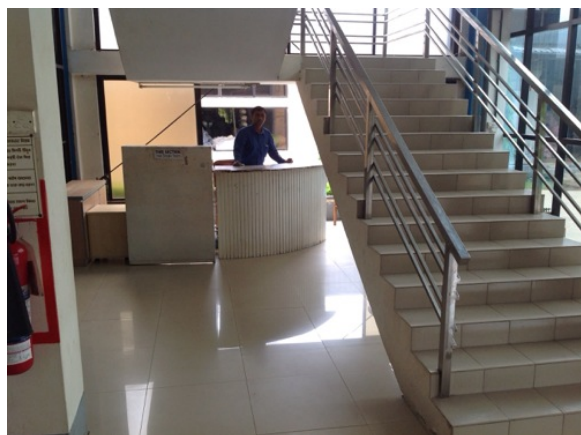


F-4 Egress

Storage was located in the exit stair of the main exit discharge.

Remove all storage from exit stairs and egress paths.

Immediate





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|-----|--------|--|--|-----------------|
| F-5 | Egress | Exit door serving 50 or more occupants does not swing in the direction of egress travel, ground floor main exit. | Modify the egress door to swing in the direction of egress travel. | Within 3 months |
|-----|--------|--|--|-----------------|



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|-----|-----------------|--|---|-----------------|
| F-6 | Fire Protection | 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-site, in accordance with NFPA 72. | Within 3 months |
|-----|-----------------|--|---|-----------------|

| | | | | |
|-----|-----------------|--|--|-----------------|
| F-7 | Egress Lighting | 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 |
|-----|-----------------|--|--|-----------------|

Table 2. Findings And Recommendations - B2B Excellence Ltd Building 2

| No. | Category | Finding | Recommendation | Remediation Timeframe |
|-----|----------------------------|---|--|--------------------------|
| F-1 | Fire Rated Construction | Areas used for combustible storage are not separated by fire- rated construction on the ground floor. | <p>Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.</p> <p>Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows:</p> <ul style="list-style-type: none"> - Maximum height of 2.4m and maximum area of 23m² - If sprinkler protected: maximum height of 3.66m and maximum area of 93m² <p>Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.</p> | Within 3 months |



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|-----|-------------------------|---|--|-----------------|
| F-2 | Fire Rated Construction | The exit stairs are not separated from work areas, other spaces on each floor by fire-rated construction. This applies to both exit stairwells. | 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. | Within 3 months |
| | | | If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system. | |





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|-----|-------------------------|---|---|-----------------|
| F-3 | Fire Rated Construction | The exit discharge path serving north exit 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. Alternatively, provide a second remote discharge path to the public way (only include this if feasible). | Within 6 months |
|-----|-------------------------|---|---|-----------------|





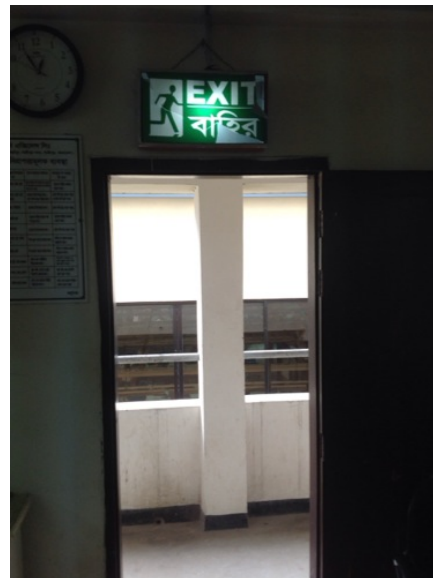
F-4 Egress

Egress doors and gates with locking features are provided at building exits, exit stairs, along egress routes, exit discharge throughout the factory.

Remove locking features from all egress doors / gates.

Immediate

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.





F-5 Egress

Collapsible gates and sliding doors are provided at building exits, exit stairs, along egress routes, exit discharge throughout the factory. .

Replace all gates / sliding doors along the means of egress with side-hinged, swinging egress doors.

Within 1 month

If locks are required for security reasons, utilize special door locking features complying with NFPA 101.





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|-----|-----------------|--|--|-----------------|
| F-6 | Fire Protection | 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-site, in accordance with NFPA 72. | Within 3 months |
| F-7 | Egress Lighting | 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 |