

# **FIRE SAFETY INSPECTION REPORT**

**MONDOL INTIMATES LTD.  
SHIRIR CHALA, BAGHERBAZAR**

**OTHER FACTORIES: NONE**



**ACCORD**  
on Fire and Building Safety in Bangladesh



July 9, 2014

## **SUMMARY**

**Mondol Intimates Ltd. was surveyed for fire safety on 7/9/2014 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.**

**Table 1 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**

| No. | Category                | Finding   | Recommendation  | Remediation Timeframe |
|-----|-------------------------|---|---|-----------------------|
| F-1 | Fire Rated Construction | The generator and transformer room is not separated by fire-rated construction. | Separate the generator and transformer room by a minimum 2-hr fire-rated construction. Seal and/or protected all openings to maintain the required fire separations | Within 3 months       |



---

|     |                         |   |   |                 |
|-----|-------------------------|---|---|-----------------|
| F-2 | Fire Rated Construction | 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.<br><br>If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system. | Within 3 months |
|-----|-------------------------|---|---|-----------------|



---

|     |                         |  |   |                 |
|-----|-------------------------|--|---|-----------------|
| F-3 | Fire Rated Construction | Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies, specifically the electrical shaft and the 2 shafts containing the hose reel risers. | Provide a minimum 2-hr fire-rated shaft to separate the utility risers from each floor level. | Within 3 months |
|-----|-------------------------|--|---|-----------------|



F-4 Egress

Egress doors with locking features are provided at building exits and exit discharges.

Remove locking features from all egress doors.

Immediate

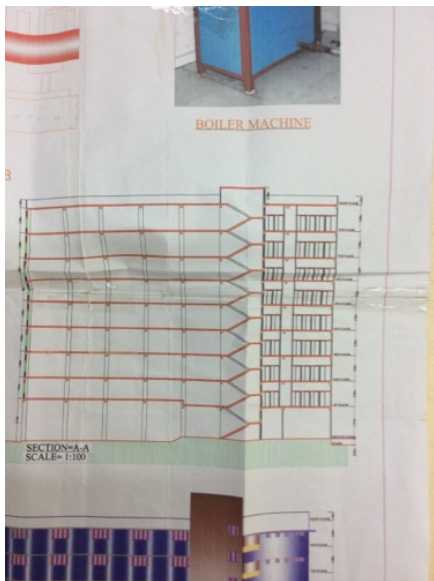
If locks are required for security reasons, utilize special door locking features complying with NFPA 101.



---

|     |                 |  |  |  |
|-----|-----------------|--|--|--|
| F-5 | Fire Protection | The fire alarm system does not provide visual notification features consistent with acceptable standards.  | Provide visual notification in accordance with NFPA 72.                                    | Design within 4 months, install within 9 months  |
| F-6 | Fire Protection | The high-rise building has an occupied floor greater than 23m (75 ft) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection. | Provide automatic sprinkler protection throughout the building in accordance with NFPA 13. | Design within 6 months, install within 12 months |

---



---

|     |                 |  |   |                 |
|-----|-----------------|--|---|-----------------|
| F-7 | 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-8 | Fire Protection | The fire alarm system does not appear to provide adequate audible notification coverage in the generator and transformer rooms. | Provide additional notification appliances such that the fire alarm system is audible throughout the building in accordance with NFPA 72. | Within 6 months |
|-----|-----------------|---|---|-----------------|



---

|     |                 |  |  |                 |
|-----|-----------------|--|--|-----------------|
| F-9 | 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 |
|-----|-----------------|--|--|-----------------|

