

FIRE SAFETY INSPECTION REPORT

SUMI APPARELS (PVT) LTD.

**A-112,113,(WEST SIDE), BSCIC INDUSTRIAL AREA,
TONGI, GAZIPUR.**

**OTHER FACTORIES: DISHARI WASHING PLANT,
DISHARI PRINT AND PACKAGING INDUSTRIES.**



ACCORD
on Fire and Building Safety in Bangladesh

May 3, 2014

SUMMARY

Sumi Apparels (PVT) Ltd. was surveyed for fire safety on 5/3/2014 by Hughes Associates, Inc. This summary identifies the major deficiencies that were identified during the inspection.

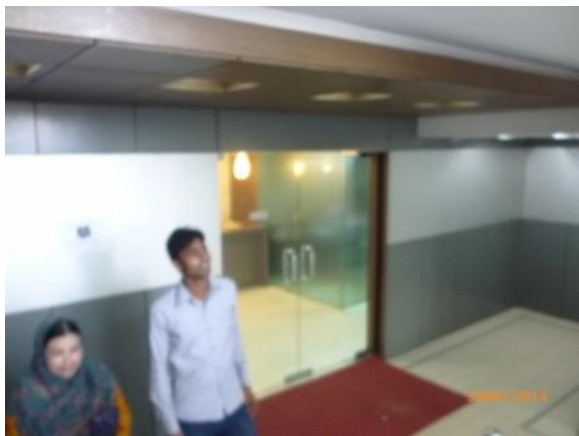
The purpose of this survey was to identify significant fire safety issues and to provide recommendations for remediation based on applicable standards specified by the Accord. The scope of this initial fire safety inspection was limited to the review and identification of major fire safety issues. The 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	Combustible construction materials was provided in the offices.(Wooden wall and ceiling.)	Remove all combustible materials in the building. Provided non-combustible materials for building wall and ceiling.	Within 1 month



F-2	Fire Rated Construction	The gas fired dryer room is not separated by fire-rated construction (window openings, non-rated doors, penetrations).	Separate the gas fired dryer 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-3	Fire Rated Construction	The boiler, generator and transformer rooms are not separated by fire-rated construction (window openings, non-rated doors, penetrations).	Separate the boiler, 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-4	Fire Rated Construction	Unsealed penetrations and openings are located in the fire-rated floor/ceiling assemblies. (All floors).	Provide a minimum 2-hr fire-rated 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-5	Fire Rated Construction	Yarn storages in ground floor are not separated by fire-rated construction.(Ventilation port opening, Non-fire-rated door.)	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 months
-----	-------------------------	---	--	-----------------





F-6	Fire Rated Construction	The exit stairs are not separated from work areas and other spaces 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.	Within 3 months
-----	-------------------------	--	--	-----------------



F-7	Fire Rated Construction	Unsealed elevator openings are located in the fire-rated floor assemblies.	Seal all penetrations and openings in floor assemblies to maintain the fire separation.	Within 3 months
-----	-------------------------	--	---	-----------------

F-8	Egress	Egress doors and gates with locking features are provided at building exits, exit stairs and exit discharge. All gates and doors were open and unlocked during the inspection.	Remove locking features from all egress doors and gates. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
-----	--------	---	--	-----------



F-9	Egress	Storage was located in ground level of NW exit stair.	Remove all storage from exit stairs and egress paths.	Immediate
-----	--------	---	---	-----------



F-10	Egress	Collapsible gates and sliding doors are provided at building exits, exit stairs and exit discharge.	Replace all gates and 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
------	--------	---	---	----------------



F-11	Egress	East exit stair discharge inside the building path way.	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
------	--------	---	---	-----------------



F-12	Fire Protection	Inspection, testing, and maintenance for fire alarm system it 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
F-13	Fire Protection	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 single station smoke alarms. Provide automatic smoke detection throughout the building in Accordance with NFPA 72.	Within 6 months



F-14	Egress Lighting	Exit sign not provided at office exit.	Provide exit signs above all exits to the exterior and all doors to the exit stairs.	Within 1 month
------	-----------------	--	--	----------------



F-15	Egress Lighting	Several exit signages not illuminated (burned out, broken).	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs.	Within 1 month
------	-----------------	---	--	----------------

F-16	Egress Lighting	Manual on-off switch is provided for emergency lighting and exit signage units in every floor.	Remove manual on/off switches from emergency lighting and exit signage units to prevent them from being switched off.	Within 1 month
------	-----------------	--	---	----------------



F-17	Egress Lighting	Inspection, testing, and maintenance records for the emergency lighting system were not available.	Inspect, test and maintain the emergency lighting system in accordance with The ACCORD standard. Keep written records on-site.	Within 3 months
------	-----------------	--	--	-----------------

F-18	Egress Lighting	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
------	-----------------	--	--	-----------------

