

FIRE SAFETY INSPECTION REPORT

TROUSER WORLD (PVT) LTD. (NEW BUILDING)

ACCORD ID: 23267

N378/1, Kunia, P.O- National University, P.S- Joydebpur, Dist- Gazipur

23.926205, 90.387221

Other Factories: None



ACCORD
on Fire and Building Safety in Bangladesh

Inspected by: Md. Rakibul Alam & A N Faisal Ahmed

Date: 07 June 2018



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Summary

TROUSER WORLD (PVT) LTD. (NEW BUILDING) complex was surveyed for fire safety on 07 June 2018 by The Accord Inspection Team.

The purpose of the 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 of the building. 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	Exit stairs are not separated from work areas & other spaces on each floor by fire-rated construction due to unprotected openings and penetrations.	<p>Separate the exit stairs from work areas and other building spaces on all floor levels by minimum 2- hr fire-rated construction. Provide minimum 1.5- hr fire rated doors and seal all unprotected openings and penetrations to maintain the fire separation.</p> <p>Ensure that all fire doors are self-closing and positive latching, and are provided with fire exit (panic) hardware where serving production floors or assembly occupancies.</p> <p>If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.</p> <p>Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets ACCORD standard 6.8.3.1.</p>	Within 3 months





F-2	Fire Rated Construction	The boiler room is not separated by fire-rated construction from jhute store at the ancillary shed.	Separate the boiler room by a minimum 2-hr fire-rated construction. Seal and/or protect all openings to maintain the required fire separations. Provide proper ventilation and consult a qualified engineer (if required).	Within 3 months
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F-3	Fire Rated Construction	The generator room is not separated by fire-rated construction from the adjacent dining area.	Separate the generator room and exhaust duct by a minimum 2-hr fire-rated construction. Seal and/or protect all openings to maintain the required fire separations. Provide proper ventilation and consult a qualified engineer (if required).	Within 3 months
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F-4	Fire Rated Construction	Areas on the 1st and 2nd floor used for combustible storage open to the factory are not properly defined and/or not within limits.	Provide defined storage areas and limit the storage arrangement as follows: Maximum height of 2.45m (8 ft) and maximum area of 23 m ² (250 ft ²). If sprinkler protected: maximum height of 3.66m (12 ft) and maximum area of 93m ² (1000 ft ²). Separate the areas of unenclosed combustible storage by a minimum clear distance of 3 m (10 ft).	Within 3 months
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F-5 Fire Protection

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

Note: Addressable system installation is going on.

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

Design within 2 months
Install within 4 months





F-6	Fire Protection	The existing building has an occupied floor greater than 10 m (33 ft) and is not provided with standpipe system as per NFPA 14.	Provide a listed standpipe system throughout the building in accordance with NFPA 14, NFPA 20 and ACCORD standards.	Design within 3 months Install within 6 months
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F-7	Egress Lighting	Manual on-off switch is provided for emergency exit signage units.	Remove manual on/off switches from emergency Lighting & exit signage units to prevent them from being switched off.	Within 1 month
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F-8	Egress	Building did not have stair designation sign at required locations.	Provide occupant load sign, stair & floor designation signs at required locations.	Within 1 month
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