

FIRE SAFETY INSPECTION REPORT

Disney Sweater Ltd.

ACCORD ID: 12672

**Barpa, Rupshi, Rupgonj, Narayangonj
(23.745683, 90.537482)**

OTHER FACTORY (S): None.



Inspected By: A.K.M. Monoarul Huda & Shusmita Saha.

Date: 22 February, 2017.

Fire Safety Inspection Report

Disney Sweater Ltd.

Introduction:

Disney Sweater Ltd. was surveyed for fire safety on 22/02/2017 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.

Limitations:

The information in this fire safety inspection report was obtained during a visit to the facility and during interviews with local factory management. It has not been possible to provide independent verification for all the information and data collected, and therefore, The Accord cannot accept general responsibility for omissions or errors arising from inaccuracies in this report from the information obtained.

The findings and recommendations in this report are not intended to imply, guarantee, ensure or warrant compliance with any government regulations. Additionally, the results do not imply in any way that compliance with the findings or recommendations as stated in this report will eliminate all hazards, risks or exposures or that hazards, risks or exposures not referred to in this report do not exist. Compliance with the findings and recommendations stated in this report does not relieve the factory owner from obligation to comply with specific project requirements, industry standards, or the provisions of any local government regulations.



General Factory Information:

Factory Building Name:

- 1) 3 Storied Steel Building (G+2),
- 2) Single Storied Shed,
- 3) Compressor room, Pump room & Boiler room.

Factory Address: Barpa, Rupshi, Rupgonj, Narayanganj.

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Findings & Recommendations :

Following table 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:

SI No.	Category	Findings	Required Action	Remediation Time Frame
1	Fire Rated Construction	The exit stair enclosures are not separated from work areas and other spaces on each floor by fire-rated construction (Non rated doors, unsealed penetrations & openings etc.).	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



			
2	Fire Rated Construction	Unsealed penetrations and openings are located in exit stair enclosures.	Seal all penetrations and openings in the wall of exit enclosure walls (full thickness of the wall) by fire rated materials to maintain the fire resistance rating. Within 3 months





3	Fire Rated Construction	Pump room is not properly separated by fire rated construction from the egress passage way of the factory premises. Pump room shall be separated from the stair by a minimum 2-hr fire rated construction (wall, floor, slab etc.). Seal all penetrations and openings (door, window etc.) shall be protected by 1.5-hr fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Within 3 months Or, relocate the pump room in a safe place.
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4	Fire Rated Construction	Areas used for in-process storage (Inspection Goods) of combustible materials are open to the surrounding occupancy. Location: Distribution Area in main building and In process Store in Shed Building. Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m². Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. 2. 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 2 months
		 
5	Fire Rated Construction	Room used for storage of combustible materials (Bonded ware house & General Store room) is not separated from the surrounding occupancy. Location: 1st floor. Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction. Within 3 months





6	Fire Rated Construction	Seal all penetrations and openings to the interior of the building along the discharge paths, 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 2 month
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7	Fire Rated Construction	The factory is using/ storing liquefied gas cylinder without any separation.	Remove them from the factory premises. Or, Provide 2-hr rated room for using/ storing liquefied gas cylinder and ensure proper verification of that room. Source of fire such as electrical connection is prohibited.	Immediate
				
8	Egress	Sliding type doors have been provided along means of egress (building exits, along egress routes, exit discharge).	Replace all collapsible/ sliding type doors & gates by the side-hinged swinging type doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate



		 	
9	Egress	Doors along means of egress are provided with non compliant locking system 1. Remove all non compliant locking features from egress doors. 2. If locks are required for security reasons, utilize special door locking features complying with NFPA 101.	Immediate
		 	



10	Egress	Egress door serving 50 or more occupants but does not swing in the direction of egress travel. Location: Dinning Area & main exit.	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 month
				
11	Egress	Common path of egress travel exceeds 23 m. Location: Shed Building.	Reconfigure the egress arrangement to reduce the maximum common path of travel to not more than 23 m.	Within 3 months



		 	
12	Fire Alarm System	The Required Fire Alarm system is not installed in accordance with the ACCORD standard Or NFPA-72. Design of Fire Alarm system should be in accordance with ACCORD standard and NFPA 72. Design Submission 2 months and Installation 4 months.	
		 	



13	Fire Alarm System	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Within 3 months
14	Provision of Sprinkler system	Existing 3 storey non-rated building having floor area more than 2000 sqm (22000 sft) is not protected with an approved automatic sprinkler system.	Provide an automatic sprinkler protection throughout the building in accordance with NFPA 13.	Design Submission 2 months and Installation 4 months.
				



15	Emergency 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
				

