

INITIAL FIRE SAFETY INSPECTION REPORT

Debonair Limited Unit-2 (Extension)

RSC ID: 24580

Plot # 356, Shorifpur, Ozarpara, National University, Joydebpur, Gazipur

Geographical Coordinates of factory building: 23.963087, 90.366489

Other Factories: ID-9604



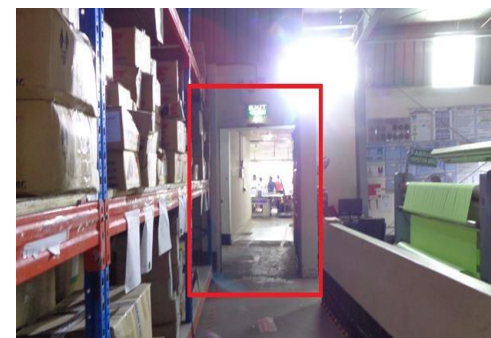
Inspected By: Dilip Kumar Mondal

Date: 09 April-2023

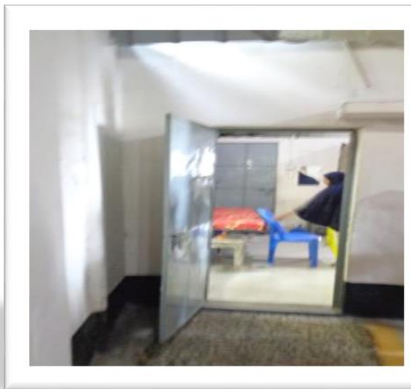
Findings & Recommendations :

Table 1 summarizes the major fire safety issues identified during the inspection of main 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 RSC for approval.

Table-1:				
SI No.	Category	Findings	Required Action	Remediation Time Frame
F-01	Fire Rated Construction	Storage room was not separated from other occupancy (production floor) Location: Ground floor in between Shed-1 to Shed-2.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction. Where separate storage rooms are not feasible, provide defined storage areas and limit the storage arrangement as follows: - Maximum height of 2.4m and maximum area of 23 m ² - If sprinkler protected: maximum height of 3.66m and maximum area of 93 m ² Separate areas of unenclosed combustible storage by a minimum clear distance of 3m.	Within 3 months



F-02	Fire Rated Construction	Daycare room was not properly separated from storage area(Shed-2)	Provide the daycare room's separation by minimum 3-hr fire-rated construction. Location: 2nd exit was non- rated.	Within 3 months
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F-03	Means of Egress	Aisles are not provide with a minimum unobstructed clear with of 36 in. Location: Shed-1 & 4	Aisles shall be provided with a minimum unobstructed clear- with of 0.9m (36 in).	Within 1 month
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F-04	Fire Alarm & Detection system	Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and in accordance with The RSC Technical Guidelines (Standard).	Submit as built drawings, testing records, equipment certification and other relevant documentation to the RSC for review and approval.	Within 3 months
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F-05	ITM of Fire Alarm & Detection system	Inspection, testing and maintenance for 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 The RSC Technical Guidelines (Standard).	Within 1 month (after installation)
F-06	ITM of Fire Extinguishers	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10.	Inspect, test and maintain the portable fire extinguishers and keep written records onsite, in accordance with NFPA 10 ,and in accordance with The RSC Technical Guidelines (Standard).	Within 3 month
F-07	Egress Lighting	Directional signs are not provided where direction of the path of travel to an exit has changed.	Illuminated directional signs shall be provided where there is a change in the direction for the path of travel and the direction to an exit is not obvious.	Within 3 months
				

F-08	Emergency light and Exit Sign	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes. Location-Shed-1	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 month
				
F-09	ITM of Emergency light and Exit Sign	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The RSC Technical Guidelines (Standard).	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The RSC Technical Guidelines (Standard). Keep written records on-site.	Within 3 month