

INITIAL FIRE SAFETY INSPECTION REPORT

Diganta Sweaters Ltd. (Building-3)

RSC ID: 26527

Geographical Coordinates: Latitude: 23.98806 and Longitude: 90.36492

Address: Naoujoor, Tangail Road, Chandana Chowrasta, Gazipur- 1702.

Other Factories: Diganta Sweaters Ltd - [ID: 9482].



Inspected By: Mohammad Anayet Hossain

Date: 09-February-2026

Fire Safety Inspection Report

Diganta Sweaters Ltd. (Building-3)

Introduction:

Diganta Sweaters Ltd. (Building-3); complex was surveyed for fire safety on **09-Feb-2026** by The RSC 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 RSC. 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 RSC 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

There are total One structure covered under this RSC ID-26527.

SL No	Building Name	Building Construction Period	Approval Date & Authority	Occupied	Structure type	Construction Category
1	Building -3, G+5 Total Floor Area: 74697 SQF (6939.6 SQM)	Aug 2010 to Mar 2012	Approved by LGED, Gazipur on 25-Aug-2010	July, 2025 (The building was reoccupied as a storage occupancy)	RCC	Existing Building

Factory Address: Naoujoor, Tangail Road, Chandana Chowrasta, Gazipur- 1702.

Points of contact:

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Findings & Recommendations :

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 RSC for review.

Table-1: Building-3.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Means of Egress	The factory has installed fire rated doors for exit stair separation on all floors for all stairs. The datasheets & certificates of installed fire-rated doors will be verified during the next inspection. Location(s): Building-3.	The factory shall provide datasheets and certificates of installed fire rated doors and their accessories to verify during the next inspection. If fire rated doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system.	Within 3 Months
				

F-2	Means of Egress	The fire doors at the exit stair enclosures were found not effectively latching, and door coordinators were not properly functional. The clearance under the bottom of a door was more than 19 mm in some cases. Location(s): Building-3 (Both exit stair).	The exit stair enclosure shall be provided with a minimum 1-hr fire resistance rating for buildings with 3 or fewer stories. Provide 1-hr. fire rated door and seal all penetrations and openings by 1 hr. fire rated fire rated barrier construction in accordance with section 6.3.1.2 of RSC Technical Guidelines (Standard)¹ V1.0. 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. Keep proper datasheet & certifications for installed fire doors & accessories on-site for verification. The clearance under the bottom of a door shall be a maximum of 3/4 in. (19 mm).	Within 3 Months
 The first photograph shows a close-up of a silver door handle on a red fire door. The second photograph shows a significant gap under the bottom of a red fire door. The third photograph shows a red fire door in a hallway, with a sign above it indicating '5th' and 'EXIT'.				

F-3	Means of Egress	Handrails are not provided on both sides of the stairs/ramp. Location(s): Building-3 (Ground floor-East & West side).	Provide handrails on both sides of the exit stair. New handrails shall have a minimum height of 865 mm (34 in.) and a maximum height of 965 mm (38 in.) as measured from the leading edge of the tread. Intermediate handrails shall be provided when the stair width exceeds 2.2 m (87 in.). Open guards shall have intermediate rails or pattern such that a sphere 200 mm (8 in.) in diameter cannot pass through any opening up to a height of 865 mm (34 in.). Handrail shall construct in accordance with RSC Technical Guidelines (Standard)¹ V1.0 Section 6.12.	Within 3 Months
 				
F-4	Means of Egress	Exit stairs serve more than 5 stories and do not have required reentry provisions on all floors. Location: Building-3.	Every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets RSC Technical Guidelines (Standard)¹ V1.0. Section 6.8.3.1.	Within 3 Months

F-5	Means of Egress	Doors are swing out over Stairs. Location(s): Building-3 (Building discharge at ground floor level from Stair-1 & Stair-2).	A landing shall be provided on both sides of doors used in the means of egress to facilitate uninterrupted egress of occupants. Door shall not swing out over stairs. Landings with same width as the stair clear width shall be provided at each level and at intermediate landings.	Within 3 Months
 				
F-6	Means of Egress	Existing ramps running slope is observed greater than 1 in 8 (12.5 percent) and not meeting the RSC Technical Guidelines (Standard)¹ V1.0 Section 6.10.2. Locations: Exit discharge from ground floor-east side. (Building-3)	Ensure the existing ramps shall not have a running slope greater than 1 in 8 (12.5 percent) in the direction of travel.	Within 3 Months



F-7	Means of Egress	The exit stair-1 (East stair) discharges at ground floor into a covered area between the exterior wall of Building-3 and the exterior wall of an adjacent Building-2 and unprotected openings are located at through the exit discharge court, so protected exit discharge was not maintained. Location(s): Building-3.	Exits shall discharge directly to the exterior of the building unless meeting the requirements of 6.17.2 or 6.17.3 as per RSC Technical Guidelines (Standard)¹ V1.0.	Within 3 Months
				

F-8	Means of Egress	Storage room discharges directly into the exit stair enclosure. Location: Building-3 (Both exit stair).	Openings from exit enclosure to Storage areas/ basements/ transformer rooms/ generator rooms/ boiler rooms and similar normally unoccupied spaces shall be provided with a vestibule with fire rated construction and openings in accordance with section 6.14.3 of RSC Technical Guidelines (Standard)¹ V1.0. Provide a min 1-hr fire rated door on the exit stair side and a 1.5 hr./1-hr fire rated door on the Store, generator, sub-station room side . Ensure that the fire rating of the vestibule construction matches that of the exit stair enclosure as per RSC Technical Guidelines (Standard)¹ V1.0. section 6.14.3. The minimum width for vestibules shall not be less than 1.1m and length 1.8m.	Within 1 Month
 				

F-9	Fire Alarm & Detection System (FADS)	The factory has installed a fire alarm and detection system that requires a detailed review to confirm compliance with NFPA 72 and RSC Technical Guidelines (Standard). Location: Building-3.	Submit the fire alarm and detection system design to RSC for review. Once the design is reviewed, install and modify the fire detection and alarm system throughout the building in accordance with review comment, RSC Technical Guidelines (Standard) and NFPA 72. After installation the owner shall conduct internal testing and commissioning and then contact the RSC for witness of final acceptance testing.	Design within 2 Months and modification/ installation with 4 Months
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F-10	Inspection, Testing & Maintenance (Fire)	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 NFPA 72 and RSC Technical Guidelines (Standard)¹ V1.0.s.	Within 1 Month after installation.
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F-11	Fire Suppression System (SUPS)	The factory has installed a standpipe & Hose system that requires a detailed review to confirm compliance with NFPA 14,20, 24 and RSC Technical Guidelines (Standard). Location: Building-3.	Submit the standpipe system drawing to RSC for review. Once reviewed, install or modify the standpipe system throughout the building in accordance with RSC Technical Guidelines (Standard)¹ V1.0. and NFPA 14, 20,22 and 24. After installation the owner shall contact the RSC for witness of conducting the final acceptance testing of the standpipe system.	Design within 2 Months and modification/ installation with 4 Months
				
F-12	Inspection, Testing & Maintenance (Fire)	Inspection, testing and maintenance of the standpipe system, sprinkler system & fire pump are not in accordance with NFPA 25.	Inspect, test, and maintain the standpipe system, sprinkler system & fire pump and keep written records on-site, in accordance with NFPA 25 and RSC Technical Guidelines (Standard)¹ V1.0.s.	Within 1 Month after installation.

F-13	Inspection, Testing & Maintenance (Fire)	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 on- site, in accordance with NFPA 10 and RSC Technical Guidelines (Standard) ¹ V1.0.s.	Within 1 Month
F-14	Inspection, Testing & Maintenance (Fire)	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with the RSC Technical Guidelines (Standard) ¹ V1.0.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with the RSC Technical Guidelines (Standard) ¹ V1.0. Keep written records on-site.	Within 1 Month