

FIRE SAFETY INSPECTION REPORT

Echotex (extension)

ACCORD ID: 12599

Chandra, Palli Biddut, Kaliakoir (24.038718, 90.259049)

Other Factories: None



Inspected By: Shusmita Saha, Nasif Javed Tofa

Date: 06 December, 2016

Fire Safety Inspection Report

Factory Name: Echotex (extension)

Introduction:

Echotex (extension) was surveyed for fire safety on 06 December, 2016 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

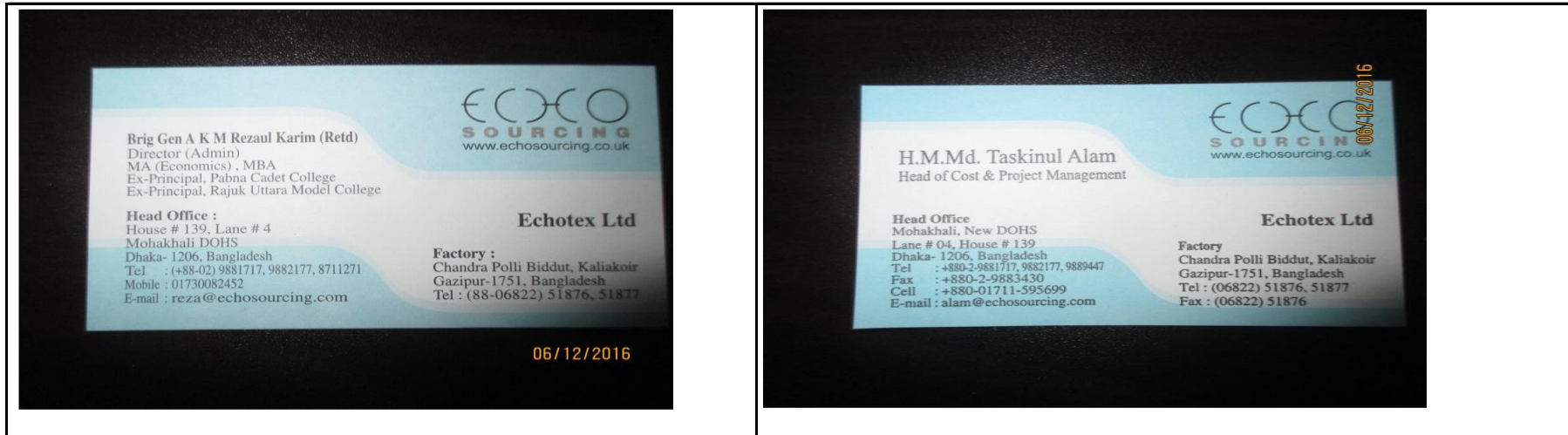
Factory Building name(s): 10 storey RCC building (Production Building)

Factory Address: Chandra, Palli Biddut, Kaliakoir.

Points of contact:

Brig Gen A K M Reazul Karim (Retd). Director (Admin) Tel: 9881717, 9882177, 8711271. Mobile: 01730082452. Email: reza@echosourcing.com	H.M.Md. Taskinul Alam Head of Cost & Project Management Tel: 9881717, 9882177, 9889447. Mobile: 01711595699. Email: alarm@echosourcing.com
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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 Accord for approval.

SI No.	Category	Findings	Required Action	Remediation Time Frame
F-1	Unrated Exit Stair Openings	The exit stairs are not separated from [work areas, other spaces] on each floor by fire rated construction.	<p>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 rated doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors.</p> <p>If fire rated 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	Storage Areas	<p>Rooms used for storage of combustible materials are not separated from the surrounding occupancy/areas. Location: Dedicated store with cutting section on 8th floor and with office area on 7th floor.</p>	<p>Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.</p>	<p>Within 3 months</p>
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F-3	Unsealed Stair Penetrations	Unsealed penetrations and openings are located in the exit stair enclosures. Location: Northwest and Southeast stair.	Seal all penetrations and openings in exit stair enclosure walls to maintain the fire separations.	Within 3 months
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F-4	Unsealed Floor/Ceiling Penetrations	Unsealed penetrations and openings are located in the fire rated floor/ceiling assemblies. Location: AC cable riser from 6th to 5th floor.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 3 months
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F-5	Storage in Exit Stair	Storage was located in exit stair. Location: Northwest stair.	Remove storage from the exit stairs and egress path	Immediate
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F-6	No Handrails	Handrails are not provided on both sides of each exit stairs on all floors. Having handrails on one side of said staircase, may pose as a falling hazard during evacuation	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.)	Within 3 months
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F-7	Antiquated Fire Detection System	The fire detection system is antiquated, not a listed system, and does not provide alarm and notification features consistent with acceptable standards.	Replace the fire detection system with a new, listed addressable fire detection system in accordance with NFPA 72 and provide the design to ACCORD for review.	Design within 4 months, Install within 9 months
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F-8	Fire Detection ITM	<p>Inspection, testing, and maintenance for the fire detection system is not in accordance with NFPA 72.</p>	<p>Inspect, test and maintain the fire detection system, and keep written records on-site, in accordance with NFPA 72</p>	<p>Within 3 months</p>
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F-9	Sprinkler For High Rise Building	<p>The high-rise building has an occupied floor greater than 23 meter (75 feet) and is not provided with automatic sprinkler protection. The large occupant loads, heavy fuel loading, and anticipated extended egress times warrant sprinkler protection.</p>	<p>Provide automatic sprinkler protection throughout the building in accordance with NFPA 13.</p>	<p>Design within 6 months, install within 12 months</p>
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F-10	Sprinkler System ITM	Inspection, testing, and maintenance of the automatic sprinkler system is not in accordance with NFPA 25.	Inspect, test and maintain the automatic sprinkler system, and keep written records on-site, in accordance with NFPA 25.	Within 3 months
F-11	Fire Pump ITM	Inspection, testing and maintenance of the fire pump system is not in accordance with NFPA 20.	Inspect, test and maintain the fire pump system and keep written records on-site, in accordance with NFPA 20 and ACCORD standards.	Within 3 months
F-12	No Parapets or Guards	Parapets or guards are provided in occupied roof which is less than 1067mm (42 inch.).	Provide parapets or guards with a minimum height of 1067mm (42 inch.).	Within 3 months





F-13	Non-Working Exit Signs	Exit signage not illuminated (burned out, broken, etc.).	Regularly inspect all exit signage and replace/install lights as needed to illuminate signs	Within 1 month
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F-14	Stair Sign & Occupant Load sign	Building did not have stair designation signs, floor designation and occupant load signs at the required locations.	Provide stair designation, floor designation signs and occupant load signs at the required locations.	Immediate
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F-15	No smoking sign	The required no smoking signs are not present in the factory.	Smoking is prohibited in any garment factory building or separate storage building. Signs shall be posted in Bengali and English at all building entrances. If the factory creates a designated smoking area outside the building, information of these areas will be posted on the signs.	Within 1 month
F-16	Fire Extinguishers ITM	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 ACCORD standards.	Within 3 months

