



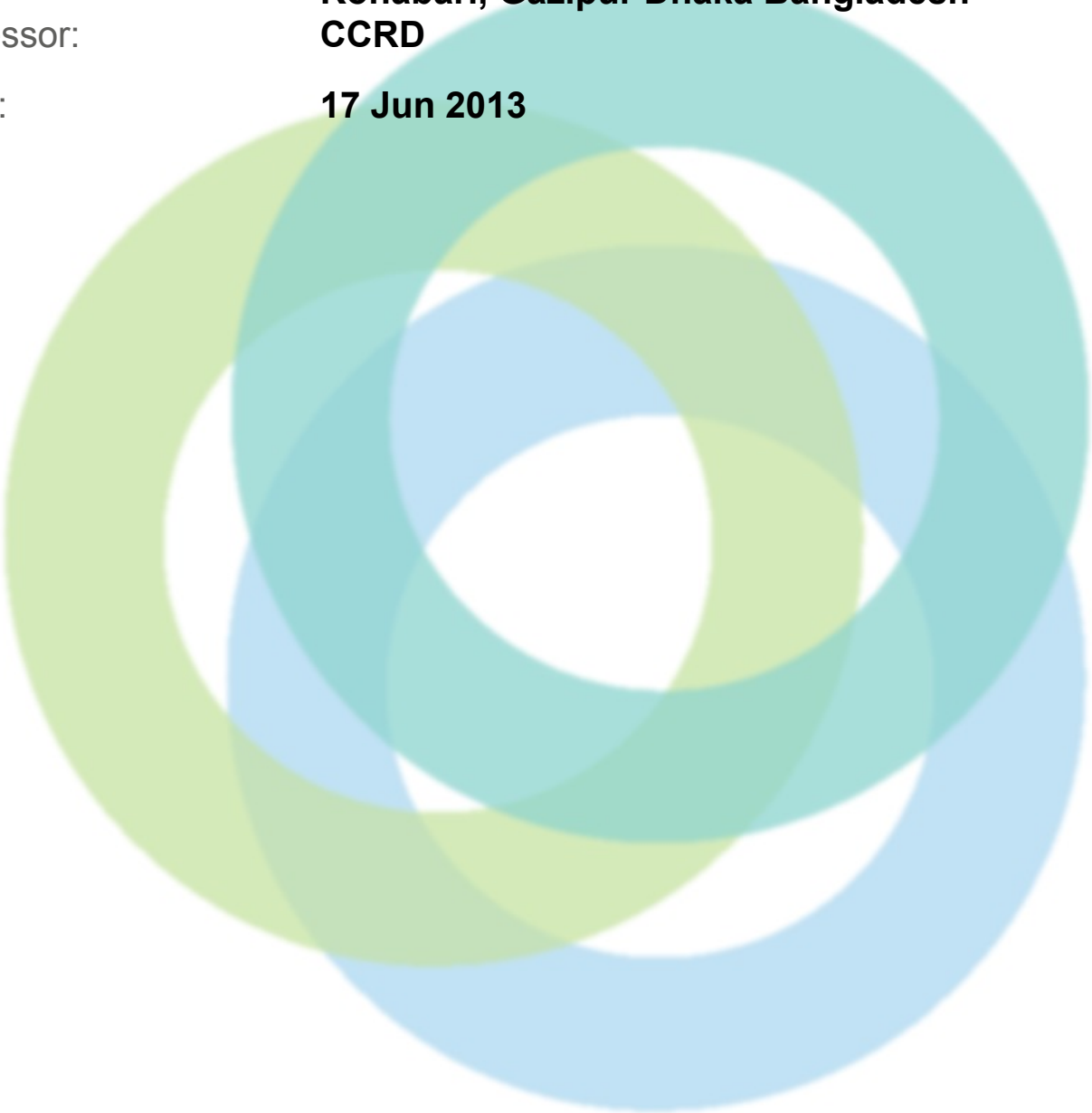
EQUIVALENT INITIAL FIRE SAFETY ASSESSMENT

Factory Name: **GENESIS WASHING LTD**

Address: **Kodda Nandun, Kodda Baza, Gazipur Sadar, Gazipur
Konabari, Gazipur Dhaka Bangladesh**

Assessor: **CCRD**

Date: **17 Jun 2013**



Introduction to the Report

The following report contains a site profile and summary of non-conformities identified during an onsite assessment commissioned by the Alliance for Bangladesh Worker Safety (Alliance) and conducted by a third-party Qualified Assessment Firm (QAF). The assessment was conducted against the Alliance for Bangladesh Worker Safety Assessment Protocols (APs) and Fire Safety and Structural Integrity Standard, which is harmonized with the factory assessment guidelines developed by Bangladesh University of Engineering and Technology (BUET) for the Bangladesh National Tripartite Plan of Action (NTPA). The goal of the Alliance process is to provide clear and practical technical requirements by which Bangladeshi Ready Made Garment (RMG) Factories producing for Alliance members may be consistently and fairly evaluated for fire, structural, and electrical safety in a non-duplicative manner. Each assessment will prompt action plans that will be used by RMG factories to systematically and sustainably improve safety conditions for garment workers. Beyond tracking and reporting on action steps taken in a transparent manner, the Alliance organization and its members will seek to further support factory improvements through technical assistance, training, implementation support for functional Worker Committees, and in some cases financial assistance and wage support for workers if factories are closed for remediation.

The contents of the report do not constitute a guarantee of compliance with the applicable laws, the Alliance Standard or the absolute or continued safety against fire, electrical and/or structural integrity issues that may lead to injury or loss of life. The report is designed to provide a non-exhaustive summary of risk issues, based on a limited sampling and duration of time onsite by the named QAF. Neither the QAF nor the Alliance can certify or guarantee the quality, outcome, or effectiveness of actions taken in response to the report.

For more information and report feedback please go to: www.bangladeshworkersafety.org.





GENERAL INFORMATION

General Information	
Factory Name:	GENESIS WASHING LTD
Address:	Kodda Nandun, Kodda Baza, Gazipur Sadar, Gazipur Konabari, Gazipur Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Konabari, Gazipur
Zip Code:	1346
Audit Duration:	
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	June 24, 2014
Final Report Date:	June 30, 2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	2 -Shed 1 (Laundry), Shed 2 (Chem Store/Office)
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	Shed 1 - 1 story, Shed 2 - 2 story
Approximate Building Area (SF):	Shed 1 (60,000 sq. ft.)
Date of Building Construction:	Shed 1 (2007), Shed 2 (2012)
Date of Last Building Renovation/Addition:	N/A
Ancillary Structures in Complex:	Generator/Boiler, ETP, Compressor Room/Workshop
Approximate Ancillary Structures Area (SF):	Not Measured
Number of Occupants:	750

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Number of Ancillary Levels (Stories):	Generator (1), Compressor (2)
Occupancy Type:	Shed 1 is the washing plant (G2). Shed 2 contains the chemical storage (G2) on the Ground Floor and Offices (F) on the second level.
Construction Type:	Each building is constructed of steel columns and beams with a metal panel roof system. The walls are metal panel with a brick façade.
Height of Highest Occupied Floor Level Above Grade:	The 2-story office building is approximately 15 ft. above grade.



ASSESSMENT FINDINGS

Fire Protection Construction

Question:	Are separations between hazards provided with fire-resistive rated construction barriers.
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Storage area is located on east side of building and only separated from the exit access pathway by metal panel wall.
Source of Findings:	Photograph: (1) Storage area (2) Exit access path between Shed 1 and storage
Suggested Plan of Action:	Provide fire-resistive rated construction barriers between hazard types in accordance with Alliance Standard Sections 3.4.2 and 4.5. Consult a qualified fire protection engineer to design the required rated construction barrier.
Suggested Deadline Date:	31 Oct 2014
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation



Fire Protection Systems

Question:	Are notification and initiation devices for the fire alarm system installed at required locations based on occupancy type?
Priority Level:	High
Non-Compliance Level:	2
Description:	No automatic smoke/heat detection installed. Minimal notification appliances installed.
Source of Findings:	Visual Assessment: No automatic alarm devices installed.
Suggested Plan of Action:	Install initiating devices and notification appliances as required by the Alliance Standard and NFPA 72. Devices should be part of an automatic fire alarm and detection system for the facility.
Suggested Deadline Date:	31 Oct 2014
Standard:	Pull stations at egress points, smoke detectors in air handling equipment, visual and audible devices spaced appropriately based on occupancy type. Reference NFPA 72
Question:	Is the fire alarm and detection system monitored by a central station monitoring service or directly connected to the Fire Service and Civil Defense?



Priority Level:	Medium
Non-Compliance Level:	2
Description:	No centrally reporting fire alarm system was present.
Source of Findings:	Visual Assessment: No fire alarm panel provided
Suggested Plan of Action:	Arrange for direct connection of the fire alarm and detection system to a central station monitoring service or the Fire Service and Civil Defense as per Alliance Standard Part 5 Section 5.7.5 Monitoring. Until that time that a central station monitoring
Suggested Deadline Date:	30 Sep 2014
Standard:	Alliance Standard Part 5 Section 5.7.5 Monitoring

Means of Egress

Question:	All doors in a means of egress are of the side-hinged swinging type.
Priority Level:	High
Non-Compliance Level:	2
Description:	Most of the doors in the building are rolling steel doors. The doors at the south end of the main corridor swing against the direction of egress.
Source of Findings:	Photograph: (1) Exit with rolling steel door (2) Doors at south end of main corridor
Suggested Plan of Action:	Replace all rolling steel doors in the means of egress with side-hinged swinging type doors.
Suggested Deadline Date:	31 Oct 2014
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates
Question:	Exit access corridors serving an occupant load exceeding 30 are separated by walls having a fire-resistance rating of 1 hr.
Priority Level:	High
Non-Compliance Level:	1
Description:	Shed 1 is served by a main corridor running North-South down the center of the building. This corridor has non-rated doors and windows into the production areas.
Source of Findings:	Photograph: Main corridor
Suggested Plan of Action:	Provide fire-rated doors and windows for the openings to the main corridor. Alternately, provide automatic sprinkler protection throughout the building.



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Suggested Deadline Date:	31 Dec 2014
Standard:	Alliance Standard Part 6 Section 6.3 and Part 4 Section 4.5. Does not apply if an automatic sprinkler system is installed throughout the building.