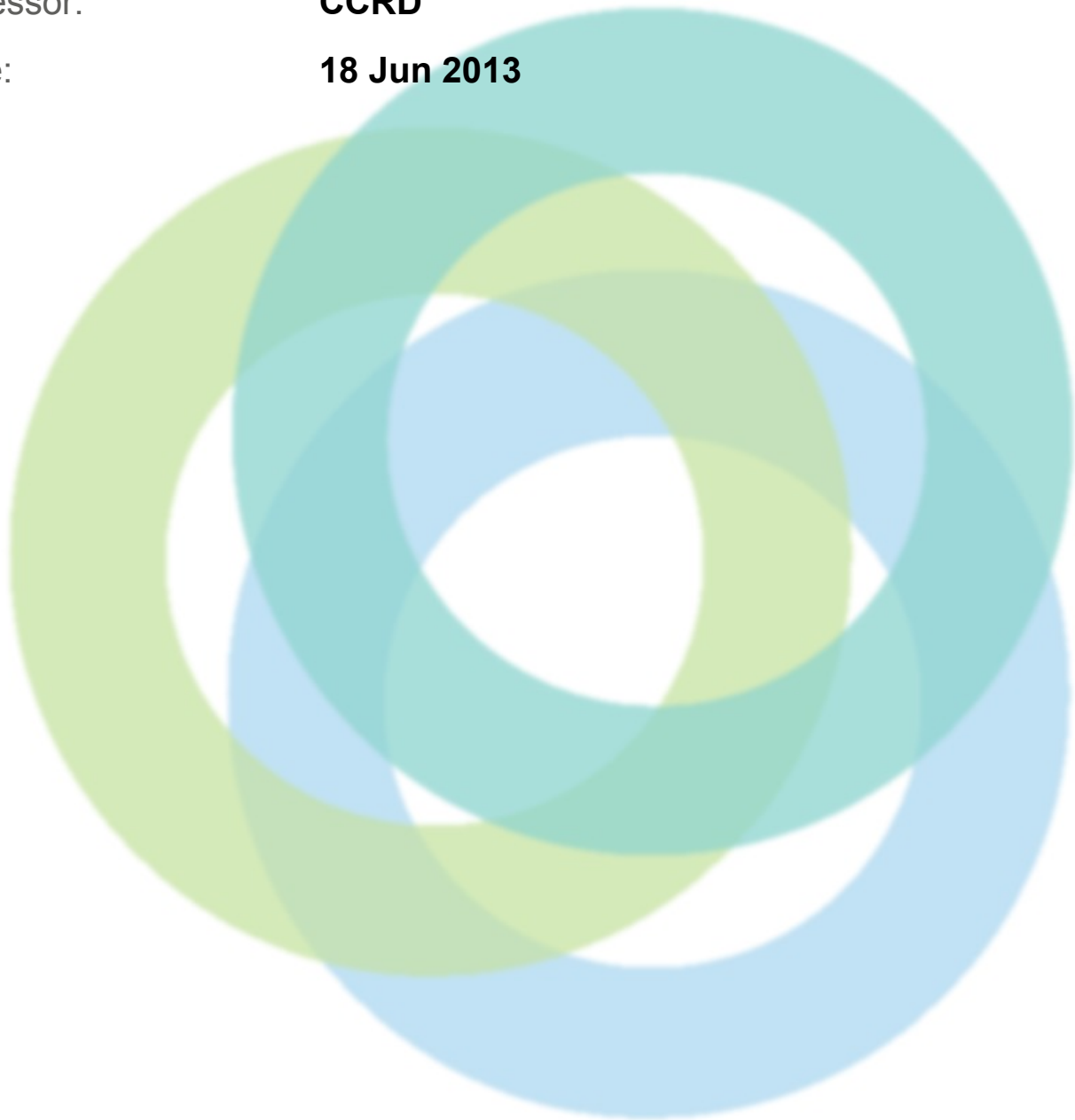


INITIAL FIRE ASSESSMENT REPORT (FAR)

Factory Name: **SHAMS STYLING WEARS LTD.**
Address: **Shams Tower, South Shyampur (Bagh Bari)
Hemayetpur, Savar Savar Dhaka Bangladesh**
Assessor: **CCRD**
Date: **18 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.



Factory Name: **SHAMS STYLING WEARS LTD.**
 Address: **Shams Tower, South Shyampur (Bagh Bari) Hemayetpur, Savar Savar Dhaka Bangladesh**

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GENERAL INFORMATION

General Information	
Factory Name:	SHAMS STYLING WEARS LTD.
Address:	Shams Tower, South Shyampur (Bagh Bari) Hemayetpur, Savar Savar Dhaka Bangladesh
Country:	Bangladesh
Province:	Dhaka
City:	Savar
Zip Code:	
Audit Duration:	
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	Jun 6 2014
Final Report Date:	Jun 30 2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	one factory
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	8 + 1 future
Approximate Building Area (SF):	22,000sf x 8
Date of Building Construction:	2007
Date of Last Building Renovation/Addition:	unknown
Ancillary Structures in Complex:	0
Approximate Ancillary Structures Area (SF):	N/A
Number of Occupants:	3960

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ALLIANCE
FOR BANGLADESH WORKER SAFETY

Number of Ancillary Levels (Stories):	N/A
Occupancy Type:	sewing, finishing and storage
Construction Type:	reinforced concrete
Height of Highest Occupied Floor Level Above Grade:	80 ft (with future)



ASSESSMENT FINDINGS

Fire Protection Construction

Question:	Are openings and penetrations through rated walls and/or assemblies protected?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	All stairs are open to the floors on every level. Sliding steel doors or gates with padlocks are normally open during operation.	
Source of Findings:	Visual Assessment: Unprotected openings	
Suggested Plan of Action:	Remove all existing gates and doors in the egress stairs. Install automatic-closing, side-swinging, fire rated doors in fire rated frames with latching panic hardware. These doors should be a minimum of 39 inches wide with a total opening of at least half the width of the stair. Doors should swing in the direction of egress from the floors into the stair.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Includes doors, windows, ducts, piping, etc. Reference Alliance Standards Part 4 Section 4.6 Opening Protectives and Section 4.7 Penetrations	
Question:	Are separations between hazards provided with fire-resistive rated construction barriers.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Storage areas and hazardous areas including elevator machine rooms are not separated from the factory floor areas.	
Source of Findings:	Visual Assessment: Storage areas not separated	
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 Dec 2014	
Standard:	Reference Alliance Standards Part 4 Section 4.5 Separation	

Fire Protection Systems

Question:	Is the building protected by an automatic sprinkler system?	
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Priority Level:	High
Non-Compliance Level:	3
Description:	No sprinkler system is installed. When 9th level is provided, building will exceed 75 ft. above grade and will require automatic sprinkler protection throughout.
Source of Findings:	Visual Assessment: No sprinklers installed
Suggested Plan of Action:	Install automatic fire sprinkler systems throughout the facility. System shall be designed by a qualified fire protection engineer and plans shall be submitted to Alliance for review prior to installation.
Suggested Deadline Date:	31 Dec 2014
Standard:	Reference Alliance Standards Part 3 Section 3.5.3 Existing Buildings, Part 5 Section 5.3 Automatic Sprinkler Systems and Section 6.13 Travel Distance
Question:	Does the building have a fire pump?
Priority Level:	High
Non-Compliance Level:	3
Description:	No fire pump is installed.
Source of Findings:	Visual Assessment: No fire pump
Suggested Plan of Action:	Design and install a fire pump system that delivers the requirement of the standpipe system.
Suggested Deadline Date:	31 Dec 2014
Standard:	Alliance Standard Part 5 Fire Protection Systems
Question:	Does the building have a Standpipe System?
Priority Level:	High
Non-Compliance Level:	2
Description:	A hose pipe system is installed for use by building occupants. No Class III sprinkler system is installed.
Source of Findings:	Photograph: One hose station is provided on the outside of the building.
Suggested Plan of Action:	Install a Class III standpipe system at required locations. Standpipe system must comply with NFPA 14.
Suggested Deadline Date:	31 Dec 2014
Standard:	Does the building have a standpipe system installed where required. Alliance







	Standard Part 5 Section 5.4.2
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:	1
Description:	In some places, there are three different fire alarm buttons/pull stations installed next to each other, and all are currently in service. Pull stations were near the east stairs but not at the entrance, and they were concealed by the privacy partition in front of the women's toilet.
Source of Findings:	Photograph: Three different fire alarm buttons/pull stations next to each other.
Suggested Plan of Action:	Move the new pull stations to be adjacent to each stair door. Remove the existing unlisted fire alarm system.
Suggested Deadline Date:	31 Dec 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:	3
Description:	There is a manual fire alarm system in the building. There is an older system installed which includes two switches. One switch alarms the floor, and the other switch alarms the whole building. In addition to the old system there is also a separate newer fire alarm system installed. It is an addressable Simplex fire alarm system with pull stations. In some places, there are three different fire alarm buttons/pull stations installed next to each other, and all are currently in service. Pull stations were near the east stairs but not at the entrance, and they were concealed by the privacy partition in front of the women's toilet.
Source of Findings:	Visual Assessment: The fire alarm system was not monitored by a central station monitoring service.
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 service or direct connection to the Fire Service and Civil Defense can be set up, a person shall be assigned to contact the fire department in the event of fire alarm activation. An annunciator shall be located in a constantly attended location (such as a fire control room) to alert this person.
Suggested Deadline Date:	31 Dec 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:	3	
Description:	Existing doors are sliding steel doors and sliding gates.	
Source of Findings:	Photograph: Sliding steel door with padlocks that is normally open during operation.	
Suggested Plan of Action:	Remove all existing gates and doors in the egress stairs. Install automatic-closing, side-swinging, fire rated doors in fire rated frames with latching panic hardware. These doors should be a minimum of 39 inches wide with a total opening of at least half the width of the stair. Doors should swing in the direction of egress from the floors into the stair.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	Means of egress are free from impediments, obstructions, and stored materials.	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Some of the aisles on the sewing floors are blocked with stored boxed goods. Aisles in the packing areas are cluttered.	
Source of Findings:	Photograph: Stored boxes blocking the aisles.	
Suggested Plan of Action:	Clear all aisles of stored goods and remove clutter from the packing area.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standard Part 6 Section 6.3.8 Impediments to means of egress and Section 6.3.9 Reliability	
Question:	Doors are not locked in the direction of egress under any conditions. All hasps, locks, slide bolts, and other locking devices have been removed where required.	
Priority Level:	High	
Non-Compliance Level:	1	
Description:	Doors and gates with tracks, hasps and padlocks are present and normally	



	open.	
Source of Findings:	Visual Assessment: Locking devices on doors	
Suggested Plan of Action:	Remove all existing gates, doors, tracks, locks and devices in the egress stairs. Install listed, rated, automatic-closing, side-swinging, fire rated doors in fire rated frames with latching panic hardware.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	Stairwells are not utilized as storage spaces.	
Priority Level:	High	
Non-Compliance Level:	1	
Description:	There is some storage under the East stairs. There are boxed goods stored in the West stairs, and the area under the stairs is being used as a copy room.	
Source of Findings:	Visual Assessment: Storage in stairs	
Suggested Plan of Action:	Remove all storage and other combustibles and obstructions from the stairs.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standard Part 13 Section 13.9 Safety Inspections	
Question:	Occupant loads are posted for every assembly and production floor in a conspicuous space near the main point of egress.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Occupant loads are not posted.	
Source of Findings:	Visual Assessment: No signage provided	
Suggested Plan of Action:	Post occupant load signs are required.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	




Question:	Handrails are provided on both sides of each stairway. Intermediate handrails are provided when the stair width exceeds 2.2 m (87 in.). Handrails are not mounted lower than 760 mm (30 in.) or higher than 1100 mm (44 in.).
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Handrails are provided on the inside only.
Source of Findings:	Photograph: Handrails are absent from the outside of the stairs.
Suggested Plan of Action:	Install handrails on both sides of all stairs and steps.
Suggested Deadline Date:	31 Dec 2014
Standard:	Alliance Standard Part 6 Section 6.9 Stairs and 6.12 Handrails and Guards
Question:	All paths of egress are provided with compliant means of illumination.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Emergency exit lights are on emergency power circuits.
Source of Findings:	Visual Assessment: Insufficient emergency exit lighting
Suggested Plan of Action:	Provide illumination of egress paths at all times the building is occupied. Illumination needs to be a minimum of 10 lux for all corridors, exit doors and stairways. Illumination for aisles needs to be a minimum of 2.5 lux.
Suggested Deadline Date:	31 Dec 2014
Standard:	Alliance Standards Part 6 Section 6.7 Egress Illumination and Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape
Question:	Illuminated exit signs are placed at entrances to exits and along the path of egress anywhere the continuation of egress is not obvious or there is a change in the direction of the path of travel.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Exit signs are posted only at the exit doors.
Source of Findings:	Visual Assessment: Insufficient exit signage
Suggested Plan of Action:	Provide continuously illuminated exit signs at all required exits and along egress paths, especially where path has a change of direction.
Suggested Deadline	31 Dec 2014





Date:		
Standard:	Alliance Standard Part 6 Section 6.11 Exit Signs	
Question:	Every door in a stair enclosure serving more than 5 stories is provided with re-entry unless it meets the requirements of Alliance Standards Part 6 Section 6.8.3.1.	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Existing doors are not fire doors and are normally open.	
Source of Findings:	Visual Assessment: Re-entry not provided	
Suggested Plan of Action:	Provide re-entry on the 4th floor.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
Question:	Stair designation signs are provided at each floor entrance from the stair to the floor in English and Bengali. Signs indicate the name of the stair and the floor level. Signs are posted adjacent to the door.	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	No stair designation signs are provided.	
Source of Findings:	Visual Assessment: No signage provided	
Suggested Plan of Action:	Install stair designation signs at each floor landing from the stair.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standard Part 6 Section 6.9 Stairs	
Fire Safety Programs		
Question:	Storage areas underneath the cutting tables are clear of combustibles.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	There are stored combustibles under the cutting tables.	
Source of Findings:	Visual Assessment: Storage under tables	



Suggested Plan of Action:	Remove all storage from under cutting tables, and other similar obstructions.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standard Part 17 Section 13.7.2 Cutting tables.	
Question:	A written housekeeping policy is established and enforced.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Some of the aisles on the sewing floors are blocked with stored boxed goods. Aisles in the packing areas are cluttered.	
Source of Findings:	Photograph: Aisles on the sewing floors blocked by boxed goods.	
Suggested Plan of Action:	Put the housekeeping policy in writing. Remove goods from the aisles in sewing. Rearrange the packing area to create clear aisles.	
Suggested Deadline Date:	31 Dec 2014	
Standard:	Alliance Standards Part 13 Section 13.6 Housekeeping	