INITIAL FIRE ASSESSMENT REPORT (FAR)

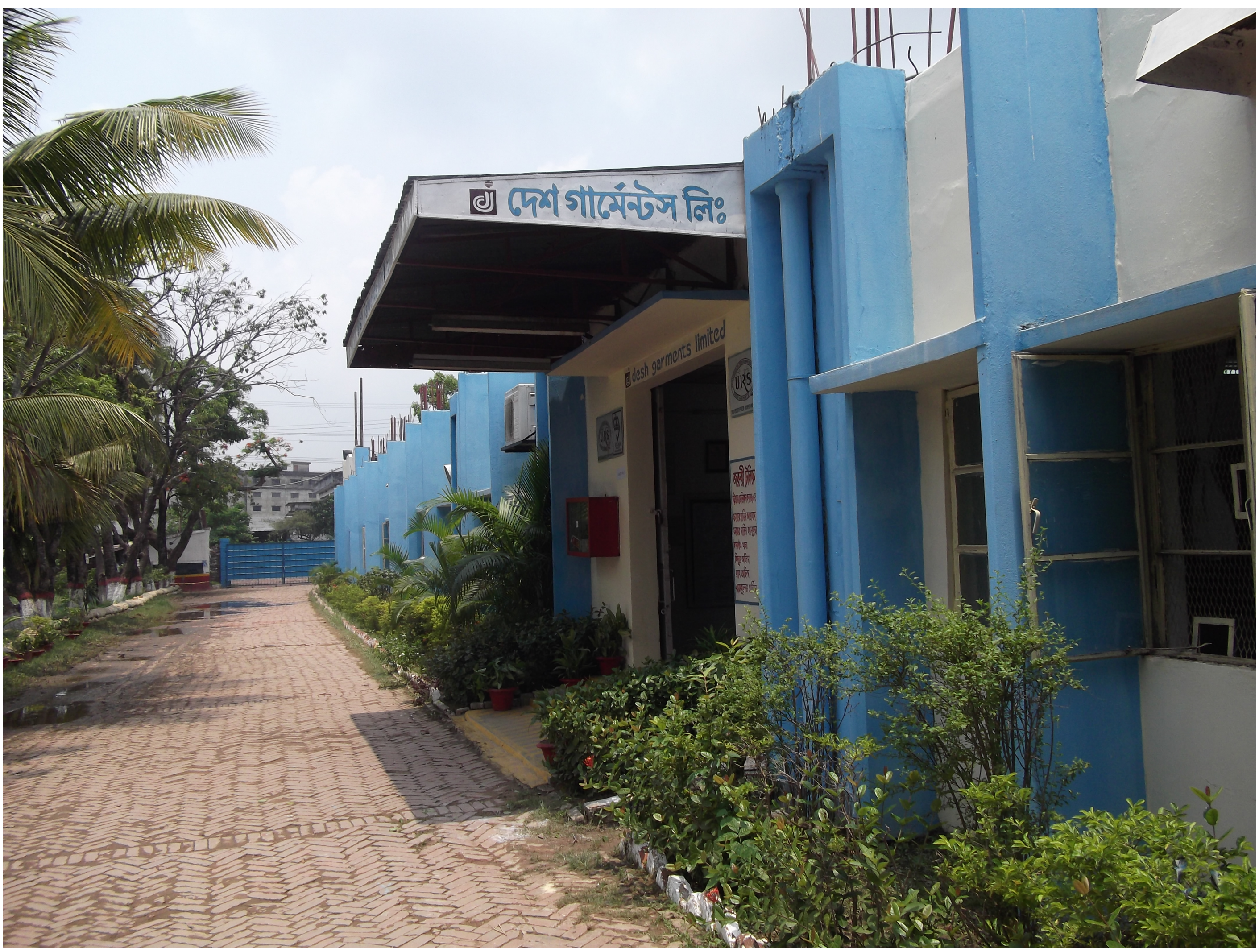
Factory Name:	**DESH GARMENTS LIMITED**
Address:	**53/A Kalurghat Heavy Industrial Area Kalurghat, Chittagong Chittagong Chittagong Bangladesh**
Assessor:	**Uttaron Technologies**
Date:	**14 May 2014**

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:	DESH GARMENTS LIMITED
Address:	53/A Kalurghat Heavy Industrial Area Kalurghat, Chittagong Chittagong Chittagong Bangladesh
Country:	Bangladesh
Province:	Chittagong
City:	Chittagong
Zip Code:	4208
Audit Duration:	2 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date:	15 May 2014
Final Report Date:	30 May 2014
Are all Action Items From Previous Assessment Completed?:	N/A
Buildings in Complex:	There are 2 buildings. 1. Main Building; 2. Generator Room.
Is the building(s) owned or rented by the Factory:	Owned
Number of Building Levels (Stories):	One
Approximate Building Area (SF):	70,000 SF
Date of Building Construction:	1979 to 1980
Date of Last Building Renovation/Addition:	N/A
Ancillary Structures in Complex:	1. Generator Room
Approximate Ancillary Structures Area (SF):	780 SF
Number of Occupants:	820

Number of Ancillary Levels (Stories):	One

ASSESSMENT FINDINGS

Fire Protection Construction

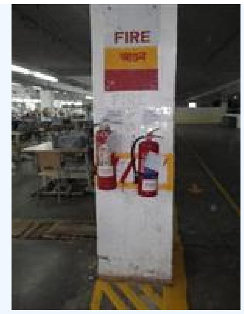
Question:	Are openings and penetrations through rated walls and/or assemblies protected?	
Priority Level:	High	
Non-Compliance Level:	1	
Description:	Penetration through wall found for compressed air pipe and other utilities which are not properly protected.	
Source of Findings:	Photograph: Penetration through wall found for compressed air pipe and other utilities which are not properly protected.	
Suggested Plan of Action:	Provide fire-resistive rated penetration protection for rated walls and assemblies in accordance with Alliance Standard Sections 4.7. Consult a qualified fire protection engineer to design the required penetration systems.	
Suggested Deadline Date:	30 Aug 2014	
Standard:	Includes doors, windows, ducts, piping, etc. Reference Alliance Standards Part 4 Section 4.6 Opening Protectives and Section 4.7 Penetrations	
Question:	Certificates of Occupancy for each building have been issued and are on file.	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	No Certificates of Occupancy were available.	
Source of Findings:	Visual Assessment: No Certificates of Occupancy were available.	
Suggested Plan of Action:	Apply to appropriate authority in an expeditious manner for issuance of the Certificates of Occupancy for each building and ancillary structure according to building use.	
Suggested Deadline Date:	15 Jul 2014	
Standard:	Are certificates of occupancy provided for each building or ancillary structure?	

Question:	Occupancy Type
Priority Level:	
Non-Compliance Level:	
Description:	1. Main Building: G2; 2. Generator Room: K.
Source of Findings:	Photograph: Occupancy Type G-02
Suggested Plan of Action:	N/A
Suggested Deadline Date:	
Standard:	Provide Occupancy Type for each building and structure. Reference Alliance Standards Part 3 Use and Occupancy

Question:	Construction Type
Priority Level:	
Non-Compliance Level:	
Description:	Construction Type RCC
Source of Findings:	Photograph: Construction Type RCC
Suggested Plan of Action:	N/A
Suggested Deadline Date:	
Standard:	Provide construction type for each building and ancillary structure. Reference Alliance Standards Table 3.3.1

Question:	Height of Highest Occupied Floor Level Above Grade
Priority Level:	
Non-Compliance Level:	
Description:	Since this is a 1 story building and the roof is not occupied, the height of Highest Occupied Floor Level Above Grade is 0 feet.
Source of Findings:	Photograph: Height of Highest Occupied Floor Level Above Grade is 0 feet.
Suggested Plan of Action:	N/A
Suggested Deadline Date:	
Standard:	Provide maximum height of highest occupied floor level above grade for each

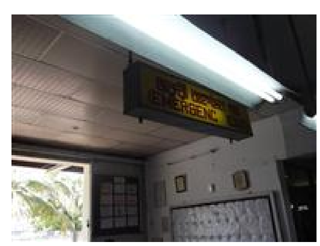
	type of building and ancillary structure.	
Fire Protection Systems		
Question:	Trouble or alarm notifications were not indicated on the fire alarm control panel.	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Fire alarm control panel is not found.	
Source of Findings:	Visual Assessment: Fire alarm control panel is not found.	
Suggested Plan of Action:	Install an automatic fire alarm and detection system for the facility. System shall comply with the Alliance Standard and NFPA 72. Consult a qualified fire protection engineer and/or authorized fire alarm company to design and install the system.	
Suggested Deadline Date:	30 Aug 2014	
Standard:	Alliance Standard Part 13 Section 13.10 Maintenance of Fire Protection Equipment	
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:	Fire alarm control panel is not found.	
Source of Findings:	Visual Assessment: Fire alarm control panel is not found.	
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. All fire alarm installations shall be submitted for review by the Alliance prior to commencement of installation.	
Suggested Deadline Date:	30 Aug 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:	Are portable fire extinguishers installed throughout the building at required locations and mounted at the correct height?	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	111 ABC type, 34 CO2 type, and 1 foam type portable fire extinguishers were found at the factory but they were not installed at required locations.	
Source of Findings:	Visual Assessment: 111 ABC type, 34 CO2 type and 1 foam type were found at the factory but they were not installed at required locations.	
Suggested Plan of Action:	Install fire extinguishers at locations and heights based on hazard type per BNBC Part 4 and NFPA 10.	
Suggested Deadline Date:	30 Aug 2014	
Standard:	BNBC Part 4 Section 4.10 and NFPA 10	
Question:	Portable fire extinguishers have been selected based on potential fire class and hazards?	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Portable fire extinguishers are not appropriate for potential fire class and hazards.	
Source of Findings:	Visual Assessment: Portable fire extinguishers were not selected base on potential fire class and hazards.	
Suggested Plan of Action:	Install fire extinguishers based on hazard type in accordance with BNBC Part 4 and NFPA 10.	
Suggested Deadline Date:	30 Aug 2014	
Standard:	NFPA 10 Chapter 5	
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:	Fire alarm control panel is not found. The fire alarm and detection system is not centrally monitored.	
Source of Findings:	Visual Assessment: Fire alarm control panel is not found. The fire alarm and detection system is not centrally monitored.	
Suggested Plan of	Install a new automatic fire alarm and detection system. Once installed,	

Action:	arrange for direct connection of the fire alarm and detection system to a central station monitoring service or the Fire Service and Civil Defence 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 Defence can be set up, a person trained to contact the Fire Service and Civil Defence in the event of fire alarm activation shall be provided. An annunciator shall be located in a constantly attended location (such as a fire control room) to alert this person.	
Suggested Deadline Date:	30 Aug 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:	All doors in a means of egress are not side-hinged swinging type.	
Source of Findings:	Photograph: In the means of egress collapsible gate found.	
Suggested Plan of Action:	Replace non-compliant doors and frames in the means of egress with side-swinging doors. Replacement doors shall be a minimum width of 0.8 m (32 in).	
Suggested Deadline Date:	30 Aug 2014	
Standard:	Alliance Standards Part 6 Section 6.8 Doors and Gates	
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:	2	
Description:	Occupant loads are not posted.	
Source of Findings:	Visual Assessment: Occupant loads are not posted.	
Suggested Plan of Action:	Post the occupant load for all assembly and production floor areas in a conspicuous space near the main exit or exit access doorway for the space in accordance with Alliance Standard Section 6.4.4.	
Suggested Deadline Date:	30 Jun 2014	
Standard:	Alliance Standards Part 6 Section 6.4.4 Posting of Occupant Load	
Question:	Emergency power for exit signs is tested at least once per year. If battery operated, these lights are tested on a monthly basis. Functional testing of	

	battery powered signs is provided for a minimum 90 min once per year.
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Emergency power for exit signs is not tested at least once a year and documentation is not found.
Source of Findings:	Visual Assessment: No documentation of testing found.
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the emergency power for exit signs is tested at least once per year. If battery operated signs are used, these lights are tested on a monthly basis. Functional testing of battery powered signs is provided for a minimum 90 min once per year.
Suggested Deadline Date:	30 Jun 2014
Standard:	Alliance Standard Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape.

Question:	Emergency power for means of egress illumination is verified at least once per year. If battery operated lights are used, these lights are tested on a monthly basis. Functional testing of battery powered lights is provided for a minimum 90 min once per year.
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Emergency power for means of egress illumination is available but verified documentation was not found.
Source of Findings:	Visual Assessment: Emergency power for means of egress illumination is verified, but documentation was not found.
Suggested Plan of Action:	Develop a testing and maintenance program that ensures the emergency power for all egress lighting is tested at least once per year. If battery operated lights are used, these lights are tested on a monthly basis. Functional testing of battery powered lights is provided for a minimum 90 min once per year.
Suggested Deadline Date:	30 Jun 2014
Standard:	Alliance Standards Part 10 Section 10.12 Illumination of Exit Signs and Means Of Escape Lighting

Question:	Exit signs have appropriate illumination levels and contrasting graphics.	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	Exit signs were not appropriately illuminated and did not have contrasting graphics.	

Source of Findings:	Photograph: Exit signs are not of appropriate illumination levels.	
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. Exit signs may be illuminated either by lamps exterior to the sign or contained within the sign. The source of illumination shall provide not less than 50 lux at the illuminated surface with a contrast of not less than 0.5. Approved self-luminous signs which provide evenly illuminated letters having a minimum luminance of 0.2 cd/m2 may also be used.	
Suggested Deadline Date:	30 Nov 2014	
Standard:	Alliance Standard Part 10 Section 10.12.1 Exit Signs	
Fire Safety Programs		
Question:	Training programs are implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Training programs should be implemented and documented in accordance with the Alliance Safety Training Curriculum.	
Source of Findings:	Visual Assessment: Training programs are not implemented and documented.	
Suggested Plan of Action:	Implement training programs in accordance with the Alliance Safety Training Curriculum.	
Suggested Deadline Date:	30 Jun 2014	
Standard:	Alliance Standards Part 13	
Question:	A hot-work permit program has been established.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Hot-work permit program has not been established.	
Source of Findings:	Visual Assessment: Hot-work permit program is not established.	
Suggested Plan of Action:	Develop a hot work permit program. The program must comply with the requirements of NFPA 51B.	
Suggested Deadline Date:	30 Nov 2014	
Standard:	Alliance Standards Part 13 Section 13.4 Hot Work Permit and NFPA 51B	
Question:	Smoking is only allowed at designated areas.	

Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Smoking is only allowed at designated areas but policy is not found.	
Source of Findings:	Visual Assessment: Smoking is only allowed at designated areas but policy is not found.	
Suggested Plan of Action:	Information on the location of designated smoking areas shall be posted on signs at the proper locations.	
Suggested Deadline Date:	13 Jun 2014	
Standard:	Alliance Standards Part 13 Section 13.5 Smoking	
Question:	Are all applicable permits up to date including Fire License & Boiler License.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	An up-to-date Fire License is found but a Boiler License is not found .	
Source of Findings:	Visual Assessment: Valid Fire License is found, but Boiler License is not found.	
Suggested Plan of Action:	Boiler License should be obtained and kept up-to-date.	
Suggested Deadline Date:	30 Jun 2014	
Standard:	Alliance Standard Part 13 Human Element Programs	