INITIAL ELECTRICAL ASSESSMENT REPORT (EAR)

Factory Name:	**Brandix Casual Wear Ltd**
Address:	**Plot No 61-71+85 Comilla EPZ Comilla Chittagong Bangladesh**
Assessor:	**Bureau Veritas**
Date:	**07 Jun 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

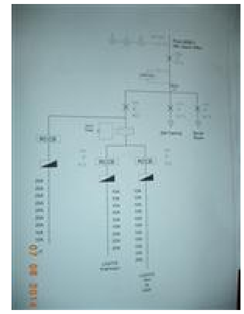
General Information	
Factory Name:	Brandix Casual Wear Ltd
Address:	Plot No 61-71+85 Comilla EPZ Comilla Chittagong Bangladesh
Country:	Bangladesh
Province:	Chittagong
City:	Comilla
Zip Code:	1216
Audit Duration:	1 Days
Re-Audit:	Re-Audit After 0 Months
Draft Report Date :	06-08-2014
Final Report Date :	06-29-2014
Are all action items from previous assessment complete? :	N/A
Buildings in Complex :	There are 12 buildings in the factory premises out of which two are main production buildings and ten are ancillary buildings. The buildings are named as: 1) Single story prefab shed-1 (main production building), 2) Single story prefab shed-2 (production building), 3) Two story RCC cafeteria (canteen) building with prefab roof, 4) Two story RCC machine yard and prayer building with prefab roof, 5) Single story RCC medical building, 6) Single story RCC generator building, 7) Three story RCC ETP building, 8) Single story prefab garbage shed, 9) Single story prefab pump room, 10) Single story prefab security post, 11) Single story prefab bicycle shed, 12) Single story RCC toilet block.
Is the building(s) owned or rented by the Factory?:	Owned
Number of Building Levels (Stories) :	Information provided below as per following format: Highest occupied floor level [Height up to roof], Stories above grade, Stories below grade, Occupied level. 1) Main production building: 30 cm [9.19 m], 1, 0, 1. 2) Production building: 30 cm [9.19 m], 1, 0, 1. 3) Cafeteria building: 3.28 m [9.19 m], 2, 0, 2. 4) Machine yard building: 3.28 m [6.57 m], 2, 0, 2. 5) Medical building: 30 cm [3.94 m], 1, 0, 1. 6) Generator building: 30 cm [4.93 m], 1, 0, 1. 7) ETP building: 6.57 m [9.85 m], 3, 0, 3. 8) Garbage shed: 30 cm [3.28 m], 1, 0, 1. 9) Pump room: 30 cm [3.28 m], 1, 0, 1. 10) Security post: 30 cm [4.93 m], 1, 0, 1. 11) Bicycle shed: 30 cm [4.93 m], 1, 0, 1. 12) Toilet block: 30 cm [3.28 m], 1, 0, 1.
Approximate Building Area (SF) :	Total area of all buildings in the premises: 197749 sft. Building wise break down as follows: 1) Main production building: 125072 sft (Ground floor: 108665 sft, Mezzanine floor: 16407 sft), 2) Production building: 31569 sft (Ground floor: 29805 sft, Mezzanine floor: 1764 sft), 3) Cafeteria building: 16292 sft (Ground floor: 8146 sft, 1st floor: 8146 sft), 4) Machine yard building: 1798 sft (Ground floor: 899 sft, 1st floor: 899 sft), 5) Medical building: 1184 sft, 6) Generator building: 4454 sft, 7) ETP building: 6276 sft (Ground floor: 2092 sft, 1st floor:

	2092 sft, 2nd floor: 2092 sft), 8) Garbage shed: 1076 sft, 9) Pump room: 1969 sft, 10) Security post: 1000 sft, 11) Bicycle shed: 1840 sft, 12) Toilet block: 5219 sft.
Date of Building Construction :	Factory personnel informed the date of construction as follows: 1) Single story prefab shed-1 (main production building): Finished in December 2005, 2) Single story prefab shed-2 (production building): Finished in December 2005, 3) Two story RCC cafeteria (canteen) building with prefab roof: Finished in December 2011, 4) Two story RCC machine yard and prayer building with prefab roof: Finished in December 2011, 5) Single story RCC medical building: Finished in December 2005, 6) Single story RCC generator building: Finished in December 2005, 7) Three story RCC ETP building: Finished in December 2011, 8) Single story prefab garbage shed: Finished in December 2011, 9) Single story prefab pump room: Finished in December 2005, 10) Single story prefab security post: Finished in December 2005, 11) Single story prefab bicycle shed: Finished in December 2005, 12) Single story RCC toilet block: Finished in December 2005.
Date of Last Building Renovation/Addition :	No record for date of renovation or addition was found from factory personnel.
Ancillary Structures in Complex :	1) Two story RCC cafeteria (canteen) building with prefab roof, 2) Two story RCC machine yard and prayer building with prefab roof, 3) Single story RCC medical building, 4) Single story RCC generator building, 5) Three story RCC ETP building, 6) Single story prefab garbage shed, 7) Single story prefab pump room, 8) Single story prefab security post, 9) Single story prefab bicycle shed, 10) Single story RCC toilet block.
Approximate Ancillary Structures Area (SF) :	1) Two story RCC cafeteria (canteen) building with prefab roof: 16292 sft (Ground floor: 8146 sft, 1st floor: 8146 sft), 2) Two story RCC machine yard and prayer building with prefab roof: 1798 sft (Ground floor: 899 sft, 1st floor: 899 sft), 3) Single story RCC medical building: 1184 sft, 4) Single story RCC generator building: 4454 sft, 5) Three story RCC ETP building: 6276 sft (Ground floor: 2092 sft, 1st floor: 2092 sft, 2nd floor: 2092 sft), 6) Single story prefab garbage shed: 1076 sft, 7) Single story prefab pump room: 1969 sft, 8) Single story prefab security post: 1000 sft, 9) Single story prefab bicycle shed: 1840 sft, 10) Single story RCC toilet block: 5219 sft.
Number of Occupants :	Total no. of occupants: 2810. 1) Single story prefab shed-1 (main production building): 2298 (Ground floor: 2250, Mezzanine floor: 48), 2) Single story prefab shed-2 (production building): 485 (Ground floor: 480, Mezzanine floor: 5), 3) Two story RCC cafeteria (canteen) building with prefab roof: 4 (Ground floor: 4, 1st floor: 0), 4) Two story RCC machine yard and prayer building with prefab roof: 5 (Ground floor: 5, 1st floor: 0), 5) Single story RCC medical building: 3, 6) Single story RCC generator building: 6, 7) Three story RCC ETP building: 3 (Ground floor: 3, 1st floor: 0, 2nd floor: 0), 8) Single story prefab garbage shed: 0, 9) Single story prefab pump room: 0, 10) Single story prefab security post: 6, 11) Single story prefab bicycle shed: 0, 12) Single story RCC toilet block: 0.
Provide brief description of the electrical system for each building.:	Source: Rural Electrification Board (REB); Oil Type Hermetically sealed Transformer (1250KVA)- 1 No., Gas Generator (750KVA)- 2 Nos., High Tension Panel (HT Panel)-1 No., Low Tension Panel (LT Panel)-1 No., Change Over Switch (COS)-2 Nos., Main Distribution Board (MDB)- 4 Nos., Distribution Boards (DB)- 20 Nos., Sub Distribution Board (SDB)- 5 Nos.
Physical location of Substation? :	Substation is located in a separate ancillary building (more than 4.5 meters away from main building).
What equipment/loads does the UPS serve? :	UPS serves computer and IPS serves IT server and public announcement (PA) system.

ASSESSMENT FINDINGS

Electrical System Information

Question:	Are as-built electrical drawings indicating information such as panel and circuit locations throughout the building(s) available for review?
Priority Level:	High
Non-Compliance Level:	2
Description:	As-built electrical drawings indicating information such as panel and circuit locations throughout the building(s) was not available for review.
Source of Findings:	Document Review: As-built electrical drawings was not available.
Suggested Plan of Action:	Have a qualified electrical engineer develop an as-built single line diagram detailing key components and capacity of the electrical system.
Suggested Deadline Date:	03 Aug 2014
Standard:	Alliance Standard Part 10 Section 10.3.7



Electrical System Maintenance

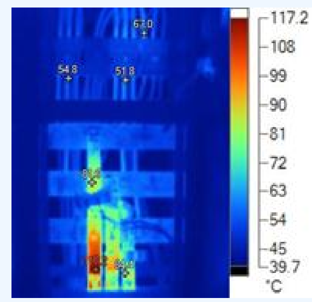
Question:	Have workers that operate and maintain the electrical system received electrical safety training? Is training documentation on site?
Priority Level:	High
Non-Compliance Level:	3
Description:	Workers that operate and maintain the electrical system have not received electrical safety training.
Source of Findings:	Document Review: No documentation on electrical safety training.
Suggested Plan of Action:	Develop and implement an electrical safety program. Include key topics such as lock out tag out procedures, personal protective equipment requirements, etc. Reference NFPA 70e for example program requirements.
Suggested Deadline Date:	03 Aug 2014
Standard:	Reference NFPA 70e for example
Question:	Are thermographic scans of electrical equipment completed at least every three years?
Priority Level:	Medium
Non-Compliance Level:	3

Description:	Thermographic scans of electrical equipment have not been completed.	
Source of Findings:	Document Review: No document on thermographic scans of electrical equipment.	
Suggested Plan of Action:	Complete thermographic scans at least on a three year cycle. Thermographic scans should be completed in accordance with the Standard for Infrared Inspection of Electrical Systems & Rotating Equipment and NFPA70B or a comparable standard.	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Alliance Standards Part 10 Section 10.13.8 Electrical Inspections	
Question:	Transformers do not contain harmful substances such as PCBs.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	There is no such document which can prove that transformer doesn't contain any harmful substance.	
Source of Findings:	Document Review: No document against the absence of harmful substances.	
Suggested Plan of Action:	Contact with transformer manufacturer or perform a test to prove whether transformer contains harmful substance (like PCB) or not. If found any harmful substance take necessary action to ensure healthy environment.	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Not Applicable	
Question:	Is the electrical switchgear and panel boards inspected on an annual basis to ensure that the equipment is installed in accordance with the listed ratings?	
Priority Level:	Medium	
Non-Compliance Level:	2	
Description:	Panel boards and its incoming switchgear only are inspected on weekly basis.	
Source of Findings:	Document Review: No documentation on inspection of outgoing switchgear.	
Suggested Plan of Action:	Develop an electrical maintenance program that includes inspections and testing of the electrical systems. Reference NFPA 70 for example program requirements.	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Alliance Standards Part 10 Section 10.13.8 Electrical Inspections	

Question:	A transformer oil analysis is routinely completed on main service transformers.	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	Transformer oil analysis has not been completed on main service transformer.	
Source of Findings:	Document Review: No document on oil analysis of main service transformer.	
Suggested Plan of Action:	Complete an oil analysis on applicable transformers at appropriate intervals based on voltage and power.	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Alliance Standard Part 10 Section 10.13.8 Electrical Inspections	
Electrical System Conditions		
Question:	Light fixtures without protective covers are not installed in storage areas or in any area where the Inspector of the Factories Rules (1.5.3.5) Part 53 disallows these fixtures.	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Light fixtures without protective covers are installed in storage areas. Location: Fabric Store-Shed-1, Ware House-Unit-02-Cafeteria, ETP Chemical Store, Chemical Store-Washing-Shed-2.	
Source of Findings:	Photograph: Light fixtures without protective covers in storage areas.	
Suggested Plan of Action:	Ensure light fixtures without protective covers are not installed in storage areas or in any area where the Inspector of the Factories Rules (1.5.3.5) Part 53 disallows these fixtures.	
Suggested Deadline Date:	08 Jun 2014	
Standard:	Alliance Standards Part 10 Section 10.15 Naked Lights	
Question:	The substation room has the required fire rating/protection and is physically separated from the remainder of the building.	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Although the substation room is physically separated by more than 4.5 meter away from main production shed but a chemical store room is located within 4 feet from it. Also the substation room is not fire rated.	
Source of Findings:	Photograph: The substation room is physically separated but not fire rated.	

Suggested Plan of Action:	Provide adequate fire rating for substation room.	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Alliance Standard Part 3 Section 3.4.2.1.4	
Question:	Are all switchboards and/or distribution boards metal enclosed with a dead front construction?	
Priority Level:	High	
Non-Compliance Level:	2	
Description:	Distribution boards are metal enclosed but don't have dead front construction. Location: DB-PDB-1-Sewing Floor-Shed-1, SDB-Machine Yard-Machine Yard Shed, DB-Washing-1-Washing Section-Shed-2, DB-Washing-2-Washing Section-Shed-2, DB-Washing-3-Washing Section-Shed-2, DB-Compressor-Compressor Room-Utility Shed, DB-Workshop-Workshop Room-Utility Shed, DB-Office A/C-Mezzanine Floor-Shed-1, MDB-2-Store-Fabric Store-Shed-1, MDB-Pump-Pump Room, SDB-Chemical-Washing-Shed-2.	
Source of Findings:	Photograph: Distribution boards without dead front construction.	
Suggested Plan of Action:	Ensure distribution boards are metal enclosed with a dead front construction.	
Suggested Deadline Date:	06 Jul 2014	
Standard:	Alliance Standards Part 10 Section 10.7 Main Switch, Switchboards and Metal Clad Switchgear	
Question:	Do switchboards and/or distribution boards have a minimum clearance of 1 m (39 in) in front?	
Priority Level:	High	
Non-Compliance Level:	1	
Description:	Distribution board is not provided with adequate clearance. Location: SDB-Canteen-Ist Floor-Cafeteria, SDB-Mechanical Yard-Mechanical Yard	
Source of Findings:	Photograph: Inadequate clearance in front of distribution board.	
Suggested Plan of Action:	Provide clearance of at least 1 m (39 in) in front of distribution boards.	
Suggested Deadline Date:	06 Jul 2014	
Standard:	Alliance Standards Part 10 Section 10.7 Main Switch, Switchboards and Metal Clad Switchgear	

Question:	Are switchboards and/or distribution boards installed in compliant locations?
Priority Level:	High
Non-Compliance Level:	1
Description:	Distribution board is installed in a non-compliant location (access limited). Location: DB-T1-Sewing-Shed-1
Source of Findings:	Photograph: Distribution board in improper location.
Suggested Plan of Action:	Install distribution boards in compliant locations so that operation is not hampered due to limited access.
Suggested Deadline Date:	03 Aug 2014
Standard:	Alliance Standard Part 10 Section 10.7 Main Switch, Switchboards and Metal Clad Switchgear



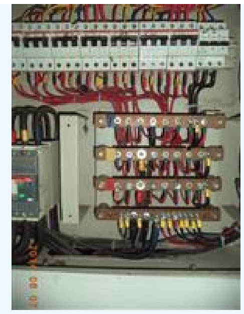
Question:	Indications of overheating, overloading, or signs of burning were not observed.
Priority Level:	High
Non-Compliance Level:	1
Description:	Indications of overheating were observed. Location: LT-Middle-Substation Room , Control Panel-Left-ETP, Control Panel-Right-ETP, SDB-L8-Finishing Section-Shed-2, MDB-1-Sewing Section-Shed-1. Note: Detail thermography report is uploaded here under General Information section, namely ‘Thermography of Brandix Casualwear Bangladesh Ltd.’
Source of Findings:	Photograph: Indications of overheating.
Suggested Plan of Action:	Find out cause of overheating and take proper action including replacing cable or equipment where necessary.
Suggested Deadline Date:	08 Jun 2014
Standard:	Alliance Standard Part 10 Section 10.3.5

Question:	Is electrical wiring/cables sized according to capacity of circuit breakers (No higher rated circuit breakers with lower rated wiring)?
Priority Level:	High
Non-Compliance Level:	1
Description:	Electrical cables are not sized according to capacity of circuit breakers. Location: DB-Finishing-Shed-2, DB-Washing-1-Washing-Shed-2, DB-Compressor-Compressor Room-Utility, MDB-2-Fabric Store-Shed-1, MDB-Pump-Pump Room,DB-Washing-1-Washing-Shed-2, DB-Washing-2-Washing-Shed-2,DB-PDB-1-Sewing-Shed-1, DB-PDB-2-Sewing-Shed-1, DB-L3-Sewing-Shed-1.

Source of Findings:	Photograph: Higher rated circuit breakers with lower rated wiring.	
Suggested Plan of Action:	Consult with a qualified Electrical Engineer and ensure electrical wiring and cables are sized according to capacity of circuit breakers.	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Alliance Standard Part 10 Section 10.3.1 Electrical Connections.	
Question:	The substation room has adequate ventilation.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	The substation room does not have adequate ventilation (There is no exhaust fan or ceiling fan as well as no positive flow of air).	
Source of Findings:	Photograph: Inadequate ventilation in substation room.	
Suggested Plan of Action:	Provide means of ventilation for the substation room. Consult a qualified electrical engineer to determine the required ventilation rates based on the installed equipment.	
Suggested Deadline Date:	20 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.13.7.1 Inspection of Substation Installations.	
Question:	Are all switchboards and/or distribution boards properly grounded (earthed)?	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Distribution boards are not properly grounded. Location: All distribution boards.	
Source of Findings:	Photograph: Panel doors are not earthed.	
Suggested Plan of Action:	Provide earthing for panel doors of distribution boards.	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Alliance Standard Part 10 Section 10.10.2 Circuit and System Earthing	

Question:	Do switchboards and/or distribution boards have capacity information labels?	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	Distribution boards do not have capacity information labels. Location: All distribution boards.	
Source of Findings:	Photograph: No capacity information labels on distribution boards.	
Suggested Plan of Action:	Provide capacity information labels (Maximum current rating, no of circuit breakers etc.) for distribution boards.	
Suggested Deadline Date:	20 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.7 Main Switch, Switchboards And Metal Clad Switchgear and 10.13.7 Inspection of the Installation	
Question:	Are switchboards and/or distribution boards provided with physical means to prevent the installation of more over current devices than that number for which the panel board was designed, rated, and listed.	
Priority Level:	Medium	
Non-Compliance Level:	3	
Description:	As there is no capacity information label available on distribution boards so installation of any means to prevent over current device will not carry any significant meaning. Label the rated capacity information on distribution boards first then follow the given suggestive plan to prevent installation of over current device. Location: All distribution boards.	
Source of Findings:	Photograph: No physical means to prevent the installation of more over current devices	
Suggested Plan of Action:	Ensure capacity markings of distribution boards and provided with physical means to prevent the installation of more over current devices than that number for which the panel board was designed, rated, and listed.	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Alliance Standards Part 10 Section 10.7 Main Switch, Switchboards and Metal Clad Switchgear	

Question:	Are electrical wiring/cables properly identified?
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Electrical cables are not properly identified. Location: All distribution boards
Source of Findings:	Photograph: No identification on electrical cables.
Suggested Plan of Action:	Ensure the means of identification is obtained by separate color coding, marking tape, tagging or other approved means.
Suggested Deadline Date:	03 Aug 2014
Standard:	Bangladesh Electricity Rules 1937 Rule 51 and 56



Question:	Stranded conductors having a nominal cross-sectional area 6mm2 or greater are provided with cable sockets. Conductors below 6 mm2 without cable sockets, all strands at the exposed ends are soldered together or are crimped using suitable sleeve or ferrules.
Priority Level:	Medium
Non-Compliance Level:	3
Description:	Cable sockets are not provided for stranded conductors having a nominal cross-sectional area 6mm2 or greater or the exposed ends of conductors below 6mm2 are not soldered together or are crimped using suitable sleeve or ferrules. Location: All distribution boards.
Source of Findings:	Photograph: No cable socket, sleeve or ferrules.
Suggested Plan of Action:	Provide cable sockets for stranded conductors having a nominal cross-sectional area 6mm2 or greater.
Suggested Deadline Date:	20 Jul 2014
Standard:	Alliance Standards Part 10 Section 10.3.8.3 Cable Ends

Question:	Are all internal components of switchboards and/or distribution boards properly concealed (No missing circuit breaker or knockout covers)?
Priority Level:	Medium
Non-Compliance Level:	2
Description:	Internal components of distribution boards are not properly concealed. Location: DB-L5-Sewing Section-Shed-1, DB-T1-Sewing Section-Shed-1, SDB-Medical-Medical Shed, DB-Canteen-Ground Floor-Cafeteria Building, DB-L1-Sewing Section-Shed-1, DB-L2-Sewing Section-Shed-1, DB-Office Upper-Mezzanine Floor-Shed-1.
Source of Findings:	Photograph: Internal components are not properly concealed.

Suggested Plan of Action:	Provide nonflammable covers or blanks to conceal all live internal components of distribution boards.	
Suggested Deadline Date:	06 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.3.9 Sub-Distribution Boards	
Question:	Do switchboards and/or distribution boards have clear identification markings?	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Distribution boards have identification markings but not in permanent nature. Location: DB-Washing-2-Shed-2, DB-Washing-3-Shed-2, MDB-Pump-Pump Room, DB-L3-Sewing Section-Shed-1, DB-Canteen-Ground Floor-Cafeteria, MDB-2-Fabric Store-Shed-1, DB-Office A/C-Mezzanine Floor-Shed-1, MDB-3-Substation Room.	
Source of Findings:	Photograph: Identification markings are not in permanent nature.	
Suggested Plan of Action:	As per BNBC section 2.11.5.4 ensure clear and permanent identification marks are painted in all distribution boards, switchboards, sub main boards and switches.	
Suggested Deadline Date:	06 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.7 BNBC Part 8 Section 2.11.5.4	
Question:	Are switchboards and/or distribution boards free of dust and debris?	
Priority Level:	Medium	
Non-Compliance Level:	1	
Description:	Distribution boards are not free of dust and debris. Location: SDB-Machine Yard-Machine Yard, SDB-Canteen-1st Floor-Cafeteria,DB-Washing-3-Washing-Shed-2, DB-Workshop-Workshop-Utility Shed, MDB-2-Fabric Store-Shed-1, MDB-Pump-Pump Room, SDB-Chemical-Washing-Shed-2, MDB-3-Substation Room	
Source of Findings:	Photograph: Distribution boards are not clean.	
Suggested Plan of Action:	Ensure distribution boards free of dirt and debris.	
Suggested Deadline Date:	06 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.3.9.1 Enclosures	

Question:	Are there additional areas of non-compliance to report?
Priority Level:	Medium
Non-Compliance Level:	1
Description:	Cable trench is covered by combustible material (Wood). Location: Compressor Room
Source of Findings:	Photograph: Wooden cover.
Suggested Plan of Action:	Replace the wooden cable trench cover with non combustible material.
Suggested Deadline Date:	08 Jun 2014
Standard:	Not Applicable

Question:	Signage indicating the prohibition of light fixtures without protective covers is installed at required locations.
Priority Level:	Low
Non-Compliance Level:	3
Description:	Signage indicating the prohibition of light fixtures without protective covers was not installed at required location. Location: Fabric Store-Shed-1, Ware House-Unit-02-Cafeteria, ETP Chemical Store, Chemical Store-Washing-Shed-2.
Source of Findings:	Photograph: No signage indicating the prohibition of light fixtures without protective covers at required location.
Suggested Plan of Action:	Ensure Signage indicating the prohibition of light fixtures without protective covers is installed at required locations.
Suggested Deadline Date:	06 Jul 2014
Standard:	Alliance Standards Part 10 Section 10.15 Naked Lights

Question:	Required equipment and safety signage is posted within the room.
Priority Level:	Low
Non-Compliance Level:	1
Description:	Although manufacturer's name, trademark and danger sign was available but there were no indication of voltage, current, wattage or other ratings on equipment.
Source of Findings:	Photograph: Improper safety signage are posted within the room.
Suggested Plan of Action:	Ensure required equipment and safety signage is posted within the room.

Suggested Deadline Date:	06 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.3.7, Section 10.7.3, and 10.13.7, NFPA 70 Chapter 1 Article 110.21, and Bangladesh Electricity Rules of 1937 Rule 46	
Question:	Are meters and other electrical devices (Ammeter, Voltmeter, PFI Auto Controller, etc) installed on the main electrical equipment operational?	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Indicators are not working. Location: LT Panel-Substation Room.	
Source of Findings:	Photograph: Indicators are not working.	
Suggested Plan of Action:	Ensure meters and other electrical devices installed on the main electrical equipment are operational.	
Suggested Deadline Date:	20 Jul 2014	
Standard:	Alliance Standard 10.13.7 Inspection of the Installation	
Question:	Phase separators are provided between terminals on circuit breakers.	
Priority Level:	Low	
Non-Compliance Level:	1	
Description:	Phase separators are not provided between terminals on circuit breakers. Location: DB-Finishing-Shed-2, DB-Washing-1-Washing-Shed-1, DB-Washing-2-Washing-Shed-1, DB-Washing-3-Washing-Shed-1, MDB Pump-Pump Room, LT Panel-Substation Room, MDB-2-Fabric Store-Shed-1.	
Source of Findings:	Photograph: No phase separator.	
Suggested Plan of Action:	Install phase separators between terminal connections at the noted locations.	
Suggested Deadline Date:	20 Jul 2014	
Standard:	Alliance Standard Part 10 Section 10.3.1 Electrical Connections	
Emergency Power System		
Question:	Are emergency power switchboards, distribution boards, and circuits properly identified?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Emergency power switchboards, distribution boards and circuits are not	

	properly identified.	
Source of Findings:	Visual Assessment: No identification of emergency distribution boards, switch boards and circuits.	
Suggested Plan of Action:	Ensure proper identification of emergency power switchboards, distribution boards and circuits.	
Suggested Deadline Date:	06 Jul 2014	
Standard:	NFPA 70 Chapter 7 Article 700.10 Wiring, Emergency System	
Question:	Are inspection, maintenance, and testing procedures of the UPS being completed and documented?	
Priority Level:	Low	
Non-Compliance Level:	3	
Description:	Inspection, maintenance and testing procedures of the IPS and UPS have not been completed.	
Source of Findings:	Worker Interviews: No documentation on inspection, maintenance and testing procedures of UPS & IPS.	
Suggested Plan of Action:	Establish an inspection testing and maintenance program for the Uninterruptible Power Supply (UPS), Instant Power Supply (IPS) and associated components. The program must be based on the following: (1) Manufacturer's recommendations (2) Manufacturer's instruction manuals (3) Minimum Requirements of NFPA 111 Chapter 8 (4) Minimum Requirements of NFPA 70B Chapter 28	
Suggested Deadline Date:	03 Aug 2014	
Standard:	Alliance Standard Part 13 Section 13.11 NFPA 111 Chapter 8 NFPA 70B Chapter 28	
Lightning Protection System		
Question:	Is a lightning protection system installed on the building?	
Priority Level:	High	
Non-Compliance Level:	3	
Description:	Lightening protection system is not installed in any buildings of the factory premises.	
Source of Findings:	Photograph: No lightening protection system.	
Suggested Plan of Action:	Install lightning protection system on the building if required by calculating risk index.	
Suggested Deadline	31 Aug 2014	

Date:		
Standard:	Alliance Standards Part 10 Section 10.11 Lightning Protection. Calculate Risk Index to determine if required.	