

**ELECTRICAL SAFETY FOLLOW UP INSPECTION REPORT (3<sup>RD</sup>)**

<b>Factory Name</b>	Safaa Sweaters Ltd			<b>Note:</b>	
<b>Address</b>	Begumpur, Bokran, Monipur, Bhawl Gore				
<b>FACTORY ID</b>	<b>12362</b>	<b>ELECTRICAL SAFETY INSPECTION DATES</b>			<b>Other Factory:</b>
<b>Initial Inspection Date</b>		10/14/2015		Date of 5 <sup>th</sup> Follow Up	
<b>Report Received Date</b>		11/14/2015		Date of 6 <sup>th</sup> Follow Up	
<b>Date of 1<sup>st</sup> Follow Up</b>		05/24/2016		Date of 7 <sup>th</sup> Follow Up	
<b>Date of 2<sup>nd</sup> Follow Up</b>		07/19/2016		Date of 8 <sup>th</sup> Follow Up	
<b>Date of 3<sup>rd</sup> Follow Up</b>		12/21/2016		Date of 9 <sup>th</sup> Follow Up	
<b>Date of 4<sup>th</sup> Follow Up</b>				Date of 10 <sup>th</sup> Follow Up	
<b>Inspected by</b>	Palash Kumar Paul				

<b>Item No</b>	<b>Accord Inspection Observation</b>	<b>Accord Action Plan (Recommendation)</b>	<b>Accord Time line (given in report)</b>	<b>Comments from Accord (After Physical Inspection)</b>	<b>Final Timeline (Approved timeline)</b>	<b>Final Action Plan (Factory)</b>	<b>Progress Status (On the date of inspection)</b>	<b>Pictorial Evidence</b>
1	Electric safety training program is not conducted.	Electrical safety training and awareness program for the electrical personnel and staff must be initiated and recorded .	2 Weeks	<b>On 24/05/2016:</b> Corrected.	24/05/2016	Corrected	Corrected	
2	Transformer Oil Test report is unavailable.	Check the transformer oil condition by performing oil test, this must be done twice a year and recorded.	5 Weeks	<b>On 24/05/2016:</b> Corrected.	24/05/2016	Corrected	Corrected	

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3	Electrical Single Line Diagram (SLD) is unavailable.	Have a by qualified engineer create an as-built electrical SLD mentioning all the required information, and get it reviewed & approved by Accord.	8 Weeks	<p><b>On 24/05/2016:</b> Not Corrected. New committed timeline given till 15/07/2016.</p> <p><b>On 19/07/2016:</b> Not corrected.</p> <p><b>On 21/12/2016:</b> Corrected.</p>	15/07/2016	done	Corrected	
4	Instruction for CPR (Cardiopulmonary Resuscitation) or Electrical shock restoration is not present. (Typical)	Hang this first aid and CPR instructions near all electrical equipment (LT panel, MDB, FDB, DB, SDB) on a visible location.	2 Weeks	<p><b>On 24/05/2016:</b> Corrected.</p>	24/05/2016	Corrected	Corrected	
5	Transformer Silica gel is discolored.	Replace silica gel by a new one; or dry it under sun and reuse it, if color regains. Breather oil cup must be filled with transformer oil to the required level as instructed by the manufacturer.	2 Weeks	<p><b>On 24/05/2016:</b> Corrected.</p>	24/05/2016	Corrected	Corrected	

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6	No oil level indication in conservator tank.	Conservator tank must have oil level indication. Consult the manufacturer for rectification.	3 Weeks	<b>On 24/05/2016:</b> Corrected.	24/05/2016	Corrected	Corrected	
7	Transformer is guarded by wire mesh fencing.	Construct a wall up to the ceiling on required side with enough illumination (min. 150 lux), keeping the provision of ventilation and appropriate door.	8 Weeks	<b>On 24/05/2016:</b> Corrected.	24/05/2016	Corrected	Corrected	
8	Cables entering/exiting CoS without cable glands.	Provide cable gland according to the respective cable size for cable entry and exit so that the cables are not stressed on the sharp edges of the hole of panels. Provide covers (of noncombustible material) if any additional gap remains after installing cable glands to make the panel dust and vermin proof.	1 Week	<b>On 24/05/2016:</b> Not Corrected. New committed timeline given till 30/06/2016. <b>On 19/07/2016:</b> Corrected.	30/06/2016	Corrected	Corrected	

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9	Hot spots detected at MCB or it's terminal.	Identify the cause of hot spots and take action accordingly. Arrange periodic inspection & thermal scan to identify the overloading, loose connection, unbalanced load which may cause the excessive heat-rise.	1 Week	<b>On 24/05/2016:</b> Not Corrected. New committed timeline given till 30/06/2016. <b>On 19/07/2016:</b> Not corrected. <b>On 21/12/2016:</b> Corrected.	30/06/2016	done	Corrected	
10	Phase barrier/separators between different phases are not installed or locally manufactured phase separators used. (Typical)	Phase barriers between different phases must be installed to avoid arc flashing. Standard separators provided by the MCCB manufacturer must be used.	1 Week	<b>On 24/05/2016:</b> Corrected.	24/05/2016	Corrected	Corrected	
11	Cables/wires passing through ceiling not protected and remaining gaps around the cable/wiring not sealed.	Cables passing through permanent walls must be protected in covered cable tray/ steel pipe /PVC pipes and supported near the panel entry; the remaining gaps after the passage of conduits must be sealed with fire resistance materials.	4 Weeks	<b>On 24/05/2016:</b> Corrected.	24/05/2016	Corrected	Corrected	

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12	Cable tray temporarily covered by metallic sheet.	Remove and reinstall the metallic sheet with screw on the frame to avoid mechanical damage.	2 Weeks	<b>On 24/05/2016:</b> Corrected.	24/05/2016	Corrected	Corrected	
13	Cable entering building through wall are not properly supported.	Cables/wirings passing through permanent wall must be protected installing pipes and remaining gaps must be sealed with fire resistant materials. Cable tray/raceway shall be installed for the support of the cable throughout its length.	3 Weeks	<b>On 24/05/2016:</b> Corrected.	28/02/2016	Corrected	Corrected	
14	LT cables laid on the floor without support and protection.	Cable tray/raceway with cover should be installed for the support of the cable throughout its length	3 Weeks	<b>On 24/05/2016:</b> Corrected.	24/05/2016	Corrected	Corrected	

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15	Flexible PVC conduit wiring not supported.	Flexible PVC conduit wiring laid on the floor should be supported and arranged on cable tray and risers.	2 Weeks	<p><b>On 24/05/2016:</b> Not Corrected. New committed timeline given till 30/06/2016.</p> <p><b>On 19/07/2016:</b> Not corrected.</p> <p><b>On 21/12/2016:</b> Not Corrected.</p>	30/06/2016		In Progress	
16	Cables are not arranged on the cable tray. (Typical)	Cable must be drawn swiftly, arranged and firmly latched at regular interval (600mm) on the cable tray/raceway.	3 Weeks	<p><b>On 24/05/2016:</b> Not Corrected. New committed timeline given till 30/06/2016.</p> <p><b>On 19/07/2016:</b> Corrected.</p>	30/06/2016	Corrected	Corrected	
17	Cables laid across passage on floor through flexible PVC conduit.	Use steel pipe (instead of flexible pipes), clamped with saddle on floor, to ensure the mechanical protection of cable/wire insulation. Remove and reinstall the mechanical device to its respective supporting frame of boiler.	2 Weeks	<p><b>On 24/05/2016:</b> Corrected.</p>	24/05/2016	Corrected	Corrected	

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18	Compressor input cables laid on floor without protection.	Use steel pipe/cable tray to ensure the mechanical protection of the cable laid on floor otherwise cable insulation may damage due to falling object or stepping of occupants onto it.	3 Weeks	On 24/05/2016: Corrected.	24/05/2016	Corrected	Corrected	
19	Large exhaust fans in production floors are directly controlled by the MCB. (Typical)	Large exhaust fans must be connected through control device such that it will not restart automatically when power is restored.	4 Weeks	On 24/05/2016: Corrected.	24/05/2016	Corrected	Corrected	
20	Open earth loop measured.	Check for loose earthing-connection. Reconnect wire and check the continuity of earthing wire (if the value is within required level).	1 Week	On 24/05/2016: Corrected.	24/05/2016	Corrected	Corrected	

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21	New Finding: Oversized circuit breakers or Circuit breakers are not adjusted accordingly	Adjust or replace all the MCCBs/MCBs according to cable ampacity (connected load). Avoid using different sized cable at the terminals	1 month	<b>On 13/06/2016:</b> timeline extended from 24/06/2016 to 15/07/2016. <b>On 19/07/2016:</b> Corrected.	15/07/2016	Corrected	Corrected	
22	New Finding: Transformer neutral earthing is inadequate	Resize earth lead cable/ECC for Transformer Neutral. Usually ECC should be equal to the half of the respective phase cable.	1 month	<b>On 13/06/2016:</b> timeline extended from 24/06/2016 to 15/07/2016. <b>On 19/07/2016:</b> Corrected.	15/07/2016	Corrected	Corrected	
23	New Finding: Cable trenches are filled with fluffs (Lint/dust)	Clean all the cable trenches/channels/ducts; then cover them (you may use checkered/ perforated plate at the bottom). And after each maintenance, keep record.	1 month	<b>On 13/06/2016:</b> timeline extended from 24/06/2016 to 15/07/2016. <b>On 19/07/2016:</b> Not corrected. <b>On 21/12/2016:</b> Not Corrected.	15/07/2016	In-progress. Remediation work started	In Progress	



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24	New Finding: Cables terminated at electrical bus bar/MCCB without cable lugs	Terminate all the power/earth/neutral cable with proper sized cable lug	1 month	<b>On 13/06/2016:</b> timeline extended from 24/06/2016 to 15/07/2016. <b>On 19/07/2016:</b> Corrected.	15/07/2016	Corrected	Corrected	
25	New Finding: Cable tray overloaded with excessive cables has no cover on top of it.	Replace cable tray by wider one; or use additional cable tray to distribute cables thus 20-25% tray area are kept free. Cover the cable tray to keep it free from lint & dust.	2 month	<b>On 19/07/2016:</b> Not corrected. <b>On 21/12/2016:</b> Not Corrected.	15/07/2016	In-progress. Remediation work started	In Progress	
26	New Finding: Earth pits are not identifiable	Identify each earth pit and mark it for periodic maintenance purpose	1 month	<b>On 13/06/2016:</b> timeline extended from 24/06/2016 to 15/07/2016. <b>On 19/07/2016:</b> Corrected.	15/07/2016	Corrected	Corrected	

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27	New Finding: Cables are laid on floor without any support.	Provide cable tray inside cable trench and cover it by checkered plate.	1 month	On 21/12/2016: Corrected.	19/08/2016		Corrected	
28	New Finding: Battery terminals are left open.	Use insulated rubber cap to cover all the battery terminals	1 month	On 21/12/2016: Corrected.	19/08/2016		Corrected	
29	New Finding: Cables are hanging without proper support.	Use cable tray/ladder to support cables at any where to keep cable out of tension.	1 month	On 21/12/2016: Not Corrected.	19/08/2016	In-progress. Remediation work started	In Progress	