
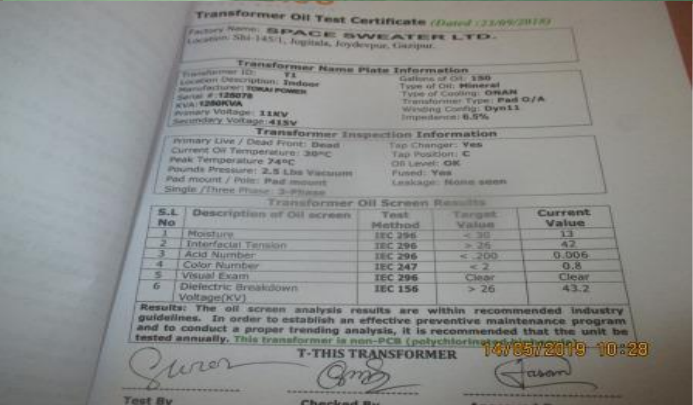
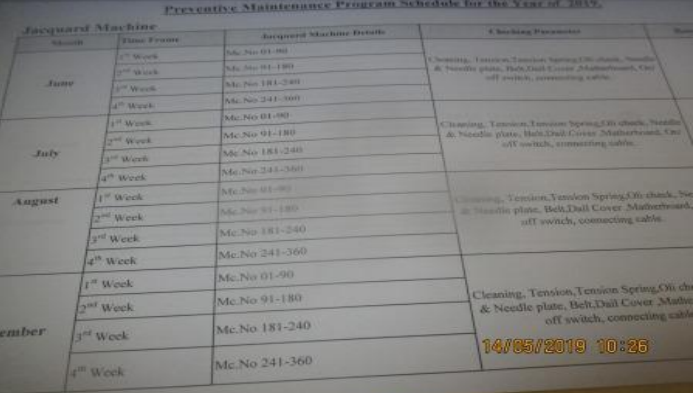
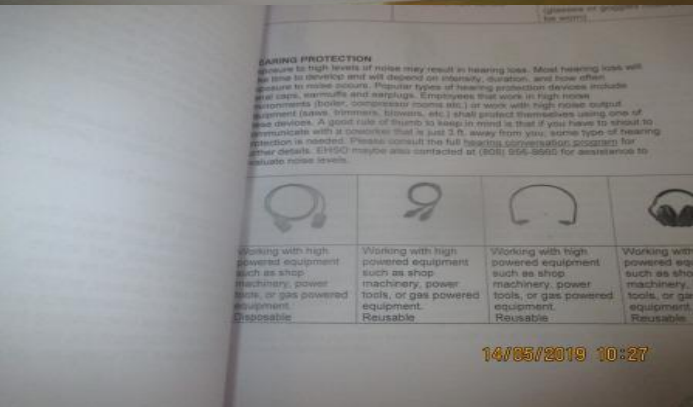


**ELECTRICAL SAFETY FOLLOW UP INSPECTION REPORT (1<sup>ST</sup>)**




<b>Factory Name</b>	Space Sweater Ltd (Jogitala)				<b>Note:</b>	
<b>Address</b>	Shi-145/1, Jogitola, Joydebpur,					
<b>FACTORY ID</b>	<b>23383</b>	<b>ELECTRICAL SAFETY INSPECTION DATES</b>				
<b>Initial Inspection Date</b>	02-Jul-2018	Date of 5 <sup>th</sup> Follow Up		Date of 11 <sup>th</sup> Follow Up	<b>Other Factory:</b> ----- ----- ----- -----	
<b>Report Received Date</b>		Date of 6 <sup>th</sup> Follow Up		Date of 12 <sup>th</sup> Follow Up		
Date of 1 <sup>st</sup> Follow Up	15-May-2019	Date of 7 <sup>th</sup> Follow Up		Date of 13 <sup>th</sup> Follow Up		
Date of 2 <sup>nd</sup> Follow Up		Date of 8 <sup>th</sup> Follow Up		Date of 14 <sup>th</sup> Follow Up		
Date of 3 <sup>rd</sup> Follow Up		Date of 9 <sup>th</sup> Follow Up		Date of 15 <sup>th</sup> Follow Up		
Date of 4 <sup>th</sup> Follow Up		Date of 10 <sup>th</sup> Follow Up		Date of 16 <sup>th</sup> Follow Up		
<b>Inspected by</b>		<b>Abu Zobair</b>				


Item No	Accord Inspection Observation	Accord Action Plan (Recommendation)	Accord Time line (given in report)	Comments from Accord (After Physical Inspection)	Final Timeline (Approved timeline)	Final Action Plan (Factory)	Progress Status (On the date of inspection)	Pictorial Evidence
1	Electrical Single Line Diagram (SLD) is unavailable in the factory	As built Electrical SLD must be prepared; it must have factory's whole electrical installation information	2 MONTHS	<b>On 14/05/2019:</b> Not corrected. Factory is working on this issue.	28-Oct-2018	We are working to prepare single line diagram (SLD). After completion the SLD we will submit to Accord for review.	In Progress	
2	Lightning Protection System (LPS) installation is not completed.	Factory has to design Lightning Protection System (LPS) for the whole factory (where the Risk index is more than 40). Once LPS is designed properly, installation must be done accordingly.	3 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Nov-2018	Installation of Lighting Protection System is in progress . 70 % work already completed. Remaining work will be completed within given time frame.	Corrected	




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3	Transformer Oil Test (dielectric strength test) report is unavailable	Transformer oil test (dielectric strength test for oil) shall be done once in a year.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will do the test of transformer oil according to Accord guide line.	Corrected	
4	There is no programmed schedule for periodical inspection & testing of electrical equipment.	An electrical maintenance program shall be prepared which will include inspections and testing of the electrical systems (preventive and proactive)	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We are working to maintain schedule of inspection & testing of electrical equipments/installations according to Accord guide line.	Corrected	
5	No LOTO (Lock-Out-Tag-Out) policy is introduced for safety of the personnel during any kind of maintenance work	Need to introduce and implement LOTO policy with LOTO (Lock-Out-Tag-Out) device instead of any other means to ensure safety of the personnel during any maintenance. Need to keep all using records.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We already trained electrical personnel about Lock Out & Tag Out policy but log out tag out device not available in the factory. Factory will purchase the devices & it will be available in factory within given time line.	Corrected	



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6	No working separation between LT (Low Tension) panel/s and HT (High Tension) unit/s (Transformer, HT switchgear).	A working separation between LT and HT must be ensured. A brick wall will do it; and adequate working clearance (1.07m) and ventilation must be ensured.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will separate the LT panel and HT panel area by brick wall. It will complete within given time line.	Corrected	
7	Inadequate working space around transformer for performing maintenance work.	Minimum working space (1.07m) around the transformer (and related electrical installations) must be maintained.	3 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Nov-2018	We will maintain the minimum requirement width area as working space in transformer room.	Corrected	
8	Maintenance movement is obstacle due to uneven height of cable trench in utility area (transformer room)	Work place around transformer (or other electrical installation) must be on same height.	3 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Nov-2018	We will remove uneven height of cable trench in transformer room.	Corrected	

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9	11kV power cables laid on substation room floor which makes obstacle in the working areas.	HT cables shall be rerouted avoiding obstacles in the working areas of electrical installations	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will rerouted the HT cable from transformer maintenance path.	Corrected	
10	Earth connections for different electrical installation are not segregated.	All the earth connections (transformer, generator and electrical systems) must be segregated and clearly marked (for TT earthing system).	2 MONTHS	<b>On 14/05/2019:</b> Not corrected.	28-Oct-2018	We will clearly mark to all earth connections.	In Progress	
11	Earth pits are not identifiable.	Each earth pit shall be properly identifiable and marked for periodic maintenance.	1 MONTH	<b>On 14/05/2019:</b> Corrected.	28-Sep-2018	We will properly identify all earth pits.	Corrected	

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12	Distribution boards have no clear identification markings	All distribution boards, switchboards, sub main boards and switches shall be marked clearly for proper identification.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We are working to mark to all electrical distribution box. It will be complete within given time line.	Corrected	
13	Instruction for CPR (Cardiopulmonary Resuscitation) or Electrical shock restoration is not present.	CPR instruction shall be hanged near all electrical installations (LT panel, MDB, FDB, DB, SDB) at visible location.	1 MONTH	<b>On 14/05/2019:</b> Corrected.	28-Sep-2018	We are working to post CPR instructions to all electrical installation/boards.	Corrected	
14	Panel doors are not connected with earth.	All metal installation which a part of electrical system are must be connected to earth to avoid electrical shock or electrocution.	1 MONTH	<b>On 14/05/2019:</b> Corrected.	28-Sep-2018	We are working to connect ear thing to all door of electrical panel boards.	Corrected	




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15	Phase barrier/separators are missing in MCCBs.	Phases must be separated by insulator (a rubber type no-flammable material shall be used for it).	1 MONTH	<b>On 14/05/2019:</b> Corrected.	28-Sep-2018	We will provide phase separator to all MCCBs.	Corrected	
16	Panel base plates are removed to allow cable entry.	Panel base plates must be installed, at all time, and cables entering panel must be firmly fixed with cable gland.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will install base plate including cable gland to all required area.	Corrected	
17	Power cables are bent excessively.	Power cables must be installed as straight as possible; in unavoidable case, not less than 135-degree bending can be allowed.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will remove cable bending from electrical board.	Corrected	




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18	Distribution Board's top/bottom is left open.	Each electrical distribution board/panel must be properly sealed to avoid ingress of fluffs; but an adequate ventilation system must also be ensured. Gland shall be used, where required.	2 MONTHS	<b>On 14/05/2019:</b> Not corrected. Factory is working on this issue.	28-Oct-2018	We will seal all distribution board open area.	In Progress	
19	Unterminated live wire is kept inside the electrical panel.	All the unterminated live power cables must be removed as soon as possible.	1 MONTH	<b>On 14/05/2019:</b> Corrected.	28-Sep-2018	We will remove all unterminated live power cable .	Corrected	
20	Cables in service are joined (splicing) between terminations.	Splicing in the power cables shall be avoided; in unavoidable cases splicing, must be made following proper guidance.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will separated the all power cable & service by following proper guideline.	Corrected	

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21	MCCBs are not adjusted per load demand.	All the MCCBs must be adjusted per connected load current; if adjustment is not possible, replacement will be the only way.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will adjust all MCCBs according to load plan.	Corrected	
22	Loop connection has been used powering multiple circuits through MCB/MCCBs.	No loop connection shall be used; each single cable shall be terminated using cable lug (flat/I) at each terminal. Combo bus bar may be used (but incoming cable size must meet the rated capacity).	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will remove all loop connection and will provide cable lug to each cable separately.	Corrected	
23	Cable connected to busbar/MCCB/MCB terminal without cable lug.	Each electrical circuit must be terminated at single busbar/MCB/MCCB terminal using cable proper sized cable lug (where applicable).	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will provide cable lug to each cable connection to bushbar/MCCB/MCB terminals.	Corrected	



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24	Multiple cables (came from different electrical consumers) terminated at MCCB terminals/ Busbar.	Each electrical circuit must be terminated at single MCB/MCCB terminals.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will provide each electrical circuit at single MCB/MCCB terminals.	Corrected	
25	Live terminal left exposed.	Electrical terminal must be enclosed by proper rated material.	1 MONTH	<b>On 14/05/2019:</b> Corrected.	28-Sep-2018	We will enclosed all electrical terminal by proper rated materials.	Corrected	
26	Compressor is installed without proper grout.	Compressor must be installed with proper grout.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will provide the required base on compressor machine.	Corrected	

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27	Cable directly connected with motor coil without terminal box.	Cable must be connected through motor terminal box as manufacturer guideline.	3 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Nov-2018	We will use motor terminal box to connect the cable line for motor.	Corrected	
28	Generator output cables (laid on floor) are not protected and supported.	Service cables from generator must be supported at its own breaker's terminal and with cable tray.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will provide cable tray for cable transfer in generator room.	Corrected	
29	BBT feeder box/tap off box left open for ingress of lint, dust or fluffs.	Feeder box/tap off box must be properly sealed to avoid ingress of any foreign particles.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will seal all BBT feeder box/tap to avoid enter the out side dust.	Corrected	

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30	Feeder box/tap off box must be properly sealed to avoid ingress of any foreign particles.	Power cables must be supported by cable tray (ladder- where needed). Outdoor arrangement must be covered.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will provide cable tray to proper hanging of power cable in wash section.	Corrected	
31	Wiring or extensions to connect equipment/ devices are laid on floors unprotected in flexible PVC.	The cable connection to machines/equipment may be run under the checkered plates (existing) and in trenches or rigid conduits/cable trays and supports to protect from external damages.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We will provide proper support for power cable to avoid external damage in winding section.	Corrected	
32	Capacitor on motor attached with combustible material and tied with rope.	Capacitor must be free from combustible and fix by permanent means.	2 MONTHS	<b>On 14/05/2019:</b> Corrected.	28-Oct-2018	We already removed combustible material from capacitor of motor and fix by required permanent system.	Corrected	

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33	Electrical power cables and circuit breakers are not identified properly.	Proper identification shall be done on power cables circuit breakers used in the system according to SLD.	2 MONTHS	<b>On 14/05/2019:</b> Not corrected. Factory is working on this issue.	28-Oct-2018	We will provide identification mark in power cable and circuit breakers.	In Progress	