


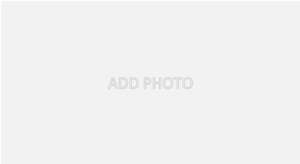









FIRE SAFETY FOLLOW UP INSPECTION

Factory Name	Space Sweater Ltd (Jogitala)		Factory ID	23383
Address	Shi-145/1, Jogitola, Joydebpur,			
Initial Inspection Date	02-Jul-2018		Report Received Date	
Date of 1st Follow-up	14-May-2019	Date of 2nd Follow-up	19-Mar-2020	
Date of 3rd Follow-up	12-Dec-2021	Date of 4th Follow-up	04-Sep-2022	
Date of 5th Follow-up		Date of 6th Follow-up		
Date of 7th Follow-up		Date of 8th Follow-up		
Date of 9th Follow-up		Date of 10th Follow-up		
Date of 11th Follow-up		Date of 12th Follow-up		
Date of 13th Follow-up		Date of 14th Follow-up		
Date of 15th Follow-up		Date of 16th Follow-up		
Date of 17th Follow-up		Date of 18th Follow-up		
Date of 19th Follow-up		Date of 20th Follow-up		
Inspected by	Pantha Pallob Das			



Item No	Inspection Observation	Inspection Recommendation	Timeline given	Comments after Physical Inspection	Supposed to complete(DD/MM/YYYY)	Final Action Plan (Factory)	Status on the date of Inspection	Pictorial Evidence
1	Dinning and prayer room is not separated by 2-hr fire rated separation from production and other areas.	Separate the dining and prayer area by a minimum 2-hr fire- rated construction having a direct access to exit stair. Seal and/or protected all openings to maintain the required fire separations.	Within 3 Months	<p>On 03/10/2018: Extension of timeline is accepted. Extended timeline is valid till 28/11/2018.</p> <p>On 14/05/2019: Separation work was not completed.</p> <p>Note: Factory shall provide at least two means of exits leading directly to the street or leading to a corridor or stairwell or open space having access to exits in two independent and different direction.</p> <p>On 19/03/2020: Separation work is not completed as per standard. Factory has provided two exits leading directly to stairwell for dining however one exit is not separated from office and accessories store.</p> <p>On 31/08/2021 (Special Inspection): Not verified.</p> <p>On 12/12/2021: Factory has installed fire door & fire door was found functional during inspection.</p> <p>On 04/09/2022: Corrected.</p>	28-Nov-2018	Dinning and prayer room separation work by 2hr fire rated separation from production and other areas has already done. This work completed on 27 April, 2020.	Corrected	

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2	The exit stairs are not separated from [work areas, other spaces] on each floor by fire-rated construction.	Provide minimum 2-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire rated doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire rated doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets ACCORD standard 6.8.3.1 If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	Within 3 Months	On 03/10/2018: Extension of timeline is accepted. Extended timeline is valid till 28/11/2018. On 14/05/2019: Factory has installed fire rated doors. But during inspection doors were not latching properly and the clearance under the bottom of a some doors were exceeded the standard. Moreover, during inspections fire door was found open by external means. Factory shall interface the fire doors with fire alarm system if wants to keep them open. On 19/03/2020: Corrected. During inspection fire doors were properly functional. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Nov-2018	As per your accord guidelines, We have separated staircase from work areas and others areas by listed fire rated door. It was completed on dated 25th May, 2019.	Corrected	
3	Areas used for combustible storage at second floor are not separated by fire-rated construction from sample section, office and other occupancies.	Provide dedicated storage rooms separated by minimum 1-hr fire-rated construction.	Within 3 Months	On 03/10/2018: Extension of timeline is accepted. Extended timeline is valid till 28/11/2018. On 14/05/2019: Combustible store room was observed without separation on top floor. Fire door on 2nd floor dedicated store room was not latching properly during inspection. On 19/03/2020: Corrected. Separation of store room was completed and the fire door was properly functional during inspection. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Nov-2018	As per accord guidelines, We have separated combustible storage at second floor by fire rated construction from sample section, Office and others occupancies. It was completed on 22th May, 2019.	Corrected	
4	BBT penetrations through floor/ceiling assemblies are found unsealed.	Provide a minimum 2-hr fire rated shaft to separate the utility risers from each floor level. Seal all penetrations and openings in floors/ceiling assemblies to maintain the fire separation.	Within 3 Months	On 03/10/2018: Extension of timeline is accepted. Extended timeline is valid till 28/11/2018. On 14/05/2019: Separation work was not completed. On 19/03/2020: Reportedly work is completed by fire rater gypsum board however gypsum board installation is not as per UL prescribed procedure. Note: Penetrations shall be sealed as per Accord 4.7. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. Factory has installed listed fire barrier caulk to conceal BBT vertical penetration. On 04/09/2022: Corrected.	28-Nov-2018	BBT penetration through floor/ceiling has already done. This work completed on 27 April, 2020	Corrected	

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5	The (boiler and generator) room is not separated by fire rated construction (openings, non-rated doors, penetrations)	1. Boilers or other heat producing equipment shall be separated from other occupancies by a minimum 1-hr (2-hr for high-rise building) fire rated construction (wall, floor, slab etc). Seal all penetrations and openings (door, window etc.) should be protected by 0.75-hr (45 min) fire rated materials to maintain the fire separation if required. All exhaust systems shall discharge to the exterior of the building in a safe location. Or Relocate it to exterior of the building and maintain a minimum 3m (10 ft.) spatial separation distance from the L15building	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Separated. On 19/03/2020: Corrected as per previous follow up. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Aug-2018	We already installed fire door in boiler and generator room.	Corrected	 ADD PHOTO
6	Areas used for in-process storage of combustible materials are open to the surrounding occupancy at 4th floor.	Provide defined storage areas and limit the storage arrangement as follows:- 1. General Condition: Maximum height of 2.4m and maximum area of 23m2. Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. 2. If sprinkler protected: maximum height of 3.66m and maximum area of 93m2. Separate areas of unenclosed combustible storage by a minimum clear distance of 3m. or 3. Enclose the storage area from the surrounding occupancy with a minimum 1 hour construction.	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Recommended area not defined yet. Huge in-process storage was observed throughout the factory in an unplanned manner. On 19/03/2020: Huge in-process storage was observed in several floors. Factory shall maintain the defined storage areas as per standard. On 17/11/2020(Special Inspection): Corrected. Storage has been removed & found within limit during inspection. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. Storage found as per guideline. On 04/09/2022: Corrected.	28-Aug-2018	Areas used for in process storage of combustible materials have reduced from 4th floor. We are keeping temporarily storage as per RSC/ Accord Standard/BNBC part-3 Section 2.1. This work completed on 30 the September, 2020	Corrected	 ADD PHOTO
7	The day-care room is located at ground floor does not have direct access to an exit stair and not separated from jacquard section.	1. Provide a direct access from daycare room to exit stair. (if the daycare is located at 1st floor) 2. Provide a minimum 2-hr fire-rated separation between the day-care room and jacquard section. or 3. Relocate day-care room to ground floor with maximum travel distance of 9m (30 ft).	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Corrected. Relocated. On 19/03/2020: Corrected. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Aug-2018	We already shift day care room from ground floor Jacquard section to outside from production area.	Corrected	 ADD PHOTO

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8	Bonded ware house are not separated from the surrounding occupancy/areas at ground floor.	Rooms used for storage of combustible materials shall be separated from the surrounding occupancy with a minimum 1 hour construction.	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Fire door at 2nd floor dedicated store room was not latching properly during inspection. Factory shall interface the fire doors with fire alarm system if wants to keep them open. On 19/03/2020: Corrected. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Aug-2018	As per accord guidelines, We have separated bonded ware house by 1 hour fire rated construction including fire door. It was completed on 20th May, 2019.	Corrected	
9	Fire detection system installation requires detailed review to confirm compliance with NFPA 72 and ACCORD standards.	Submit as-built drawings, testing records, equipment certification and other relevant documentation to the ACCORD for review and approval. Modification work shall be as per NFPA 72 .	Design within 4 month, installation/ modification within 6 months after drawing review	On 03/10/2018: Extension of timeline is accepted. Extended timeline is valid till 28/06/2019. On 14/05/2019: Installation was going on. On 15/12/2019: Factory requested for timeline extension which is not acceptable. On 19/03/2020: Factory is not ready for Accord T&C according to documents assessment (pre T&C). On 17/11/2020: During T&CVI found that system is not accepted. See T&CVI report for detail. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: FVI found that the system is approved. See the detailed FVI Report. On 04/09/2022: Corrected.	28-Jun-2019	We have completed fire detection system installation/modification requirements as per NFPA 72. It has completed on 19th January, 2021. T&C conducted on 17th November, 2020 and all reported issues completed on 12th January, 2021. now we are ready for T & C.	Corrected	
10	Inspection, testing, and maintenance for the fire alarm system is not in accordance with NFPA 72 or as per Accord standard.	Inspect, test and maintain the fire alarm system, and keep written records on-site, in accordance with NFPA 72 or as per Accord standard.	Within 1 Month (After compliant installation).	On 03/10/2018: Extension of timeline is accepted. Extended timeline is valid till 28/07/2019. On 14/05/2019: It is an integrated part of fire alarm system. On 19/03/2020: Corrected. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected. It is recommended to follow table 14.3.1 of NFPA-72.	28-Jul-2019	As per accord guidelines, We are inspecting, testing and maintaining the fire alarm system. It was completed on 20th May, 2019.	Corrected	
11	The existing building has an occupied floor greater than 10 meter (33 feet) and is not provided with standpipe protection as per standard.	Install/modify the standpipe system & fire department connection in accordance with NFPA 14, 20, 22 and 24. Class-III standpipe system shall be installed for the entire building	Design within 3 Months. Install within 6 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Reportedly, Installation almost completed. Only few works related to Fire Alarm System were left. On 19/03/2020: Factory is not ready for Accord T&C according to documents assessment (pre T&C). On 17/11/2020: During T&CVI found that system is not accepted. See T&CVI report for detail. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Not verified. On 17/May/2022: During fire pump T&CVI found that system is not accepted. See T&CVI report for detail. Comments by CH on 14/8/22: Factory asked for timeline extension which is not acceptable. On 04/09/2022: The system modification is not finished yet. They opened LC for electrical motor which was damaged and factory management claimed that within a month it will be in-house.	28-May-2019	All the system is ok according to NFPA standard. Except Electric pump motor is not functional. Factory newly purchasing electric pump motor. This motor coming from dubai, now on the way. This issue will be complete within 30 September 2022.	In Progress	

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12	Inspection, testing and maintenance of the standpipe system is not in accordance with NFPA 14.	Inspect, test and maintain the standpipe system and keep written records on-site, in accordance with NFPA 14 and ACCORD standards.	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: It is an integrated part of standpipe system. On 19/03/2020: Corrected. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected. Need to update the system following NFPA-25.	28-Aug-2018	As per accord guidelines, we are inspecting, testing and maintaining the standpipe system. It was completed on 20th May, 2019.	Corrected	ADD PHOTO
13	Based on the number and location of emergency lights observed, adequate illumination levels are not anticipated along egress routes	Test the emergency lighting system on each floor and provide additional emergency fixtures to provide adequate illumination along the means of egress. Provide a minimum illumination of 10 lux at the floor level within exit stairs and exit discharge paths and minimum 2.5 lux along exit access aisles.	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Provided. Adequate illumination was observed during inspection. On 19/03/2020: Corrected as per previous follow up. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Aug-2018	We already increase emergency light to all required areas.	Corrected	ADD PHOTO
14	Inspection, testing, and maintenance for the exit sign and emergency lighting system was not in accordance with The ACCORD standard.	Inspect, test and maintain the exit sign and emergency lighting system in the accordance with The ACCORD standard. Keep written records on-site	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Maintaining as per standard. On 19/03/2020: Corrected. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Aug-2018	We already maintain inspection, testing and maintenance of emergency light according to NFPA Standard.	Corrected	ADD PHOTO
15	Inspection, testing and maintenance of portable fire extinguishers is not in accordance with NFPA 10	Inspect, test and maintain the portable fire extinguishers and keep written records onsite, in accordance with NFPA 10 and ACCORD standards.	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Maintaining as per standard. On 19/03/2020: Corrected. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Aug-2018	We doing the required inspection, testing and maintenance of fire extinguisher according to NFPA 10 Standard.	Corrected	ADD PHOTO
16	Aisles not provided at packing section.	Aisles shall be provided with a minimum unobstructed clear-width of 0.9 m (36 in.)	Within 3 Months	On 03/10/2018: This issue will be verified during follow up inspection On 14/05/2019: Provided. On 19/03/2020: Corrected. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	28-Aug-2018	We already established aisles to minimum width requirements in all required areas in factory.	Corrected	ADD PHOTO

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17	New Finding on 1st Follow Up: Doors along means of egress are provided with non compliant locking system on main discharge (ground floor) and office room on top floor. The door along means of egress at office was observed magnetically locked.	Remove all non compliant locking features from egress doors. If locks are required for security reasons, utilize special door locking features complying with NFPA 101. Doors may be locked where the latch and lock are disengaged with one motion where the occupant load does not exceed 49 persons. Doors may be provided with locking hardware from the ingress side provided that a panic bar is installed on any door with an occupant load exceeding 49 persons.'	Immediate	New Finding On 19/03/2020: Corrected. Factory has removed all locking features. On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	30-May-2019	As per accord guidelines, we removed the all locking features from metallic door. It was completed on 20th May, 2019.	Corrected	
18	New Finding (2nd Follow up): The exit stair enclosures are not separated from work areas by fire-rated construction at utility building.	Provide minimum 1-hr fire rated doors and seal all unprotected openings to separate the exit stairs from work areas and other building spaces on all floor levels. Ensure that the fire rated doors are self-closing and positive latching and that they are provided with fire exit (panic) hardware where serving production floors. If fire rated doors are required to be held open for functional reasons, provide automatic closing devices tied to the fire alarm system. Once fire doors are installed, every door in a stair enclosure serving more than 5 stories shall be provided with re-entry unless it meets ACCORD standard 6.8.3.1 If fire doors are required to be held open for functional reasons, provide automatic-closing devices tied to the fire alarm system.	Within 2 Months	On 19/03/2020: New Finding On 31/08/2021 (Special Inspection): Not verified. On 12/12/2021: Corrected. On 04/09/2022: Corrected.	19-May-2020	The exit stair enclosures seperation by fire rated materials at Utility Building (1st Floor) has already done. This work completed on 30 April, 2020.	Corrected	

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19	New Finding (2nd Follow up): LPG cylinders were located within the factory.	The storage or use of LPG or CNG cylinders shall be prohibited within the factory building according to Accord 3.4.2.1.11.	Immediate	<p>On 19/03/2020: New Finding</p> <p>On 26/07/2020: Factory asked for timeline extension which is not acceptable.</p> <p>On 31/08/2021 (Special Inspection): Previously LPG cylinder were used but currently using CNG as a fuel of boiler. 45 Nos cylinder is carrying by a van which is located just beside boiler room in an open area. Factory applied for permission to use CNG cylinder to "The department of explosion" but not get approval yet. It's better to remove the gas cylinder from the factory premises and not use CNG gas as a fuel. If factory want to keep storage of gas cylinder & ancillary equipment inside the factory premises they need to maintain it properly as per "Supplementary Paper on Technical Guidance Note: For Use of Liquified or Compressed Flammable Gas in Factory Premises" .The factory shall provide 2-hr fire separated room with a fire door and protection of all openings, penetrations & ducts to maintain the 2-hour fire resistance/fire separation. Storage rooms for cylinders shall have to keep in dry, cool, and well ventilated condition.</p> <p>On 12/12/2021: No visual progress observed.</p> <p>On 04/09/2022: Factory management relocated the CNG van (48 CNG cylinders) outside to factory into another plot but adjacent to public road. The plot is in the opposite side of the factory building and the public road is in-between factory building and empty plot (different landowner).</p> <p>For the interim period till to get natural gas connection factory management is recommended to set the CNG van inside of the empty plot keeping spatial distance of minimum 9 m surrounding of CNG van, they also have to ensure that the surroundings (within 9 m) of the CNG van is never occupied for any other occupancy.</p>	24-Mar-2020	<p>Factory re-allocate CNG cylinder storage.</p> <p>Now CNG cylinder out side of the factory premises. This work will be complete on 10 Mar 2022..</p>	In Progress	