






Structural Safety Inspection Report



Factory Name	KM Nobely Garments Ltd (Extension Building)
Factory ID	24389
Factory Address	Zorun, Konabari Gazipur-1702
Date of Initial Inspection	24 May 2022
Date of Review Inspection	01-Jun-2025
Inspected by	Koushik Biswas



Item No	Inspection Observation	Action Plan from Inspection (Recommendation)	Timeline from Inspection	Final Action Plan from Factory	Final Timeline (dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
1	Design report needs to be revised (6 storied RC Building)	The building engineer is required to revise the storage live load limit and related design documents accordingly based on BNBC requirement.	Within 6-weeks	<p>The factory has submitted the revised storage live load limit and related design documents accordingly based on BNBC requirement which have been reviewed & accepted by RSC on Oct 24, 2024.</p> <p>The facility has implemented the RSC-approved load plan and ensured that all workers are trained on the loading requirements. Floor and height markings have been installed and maintained in all stacking and storage areas, and the load plan is prominently posted on all floors to ensure compliance.</p>	20-Jul-2022	<p>On 20-Nov-2022: This issue is required to be covered in the Engineering Assessment (EA) report. As per the initial report the factory was required to submit EA documents to RSC within 20 July 2022. The provided softcopy of EA documents to RSC on 17 Nov 2022 which was rejected by the RSC due to trade license issue. However, floor load plan and other EA documents were available during the inspection. The factory is required to submit EA documents to the RSC with valid trade license as early as possible. On 07-Feb-2023: Factory has revised the live load as part of EA. Factory submitted the EA to RSC which is under review. During verification inspection, mismatch was found between actual site condition and as-built drawings. These discrepancies in as-built drawings will be mentioned in review comment. Factory is required to submit the revised EA to RSC solving the review comments within the given timeline. Documents under review process.</p> <p>On 01-Jun-2025: Factory got EA acceptance from RSC on 24 Oct 2024. During inspection, accepted documents were found satisfactory. Concrete core layout plan wasn't available, however core locations were verified with available core test reports. Later on, factory submitted the core layout plan which has been received as supporting documents and found satisfactory.</p>	Corrected	

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2	Design report needs to be revised (6 storied RC Building)	Revise and actively manage a set of floor loading plan following BNBC.	Within 6-weeks	The factory has submitted the revised design report for the active management of a floor loading plan, in accordance with BNBC requirements, which was reviewed and accepted by RSC on October 24, 2024. The facility has implemented the RSC-approved load plan and ensured that all workers are trained on the loading requirements. Floor and height markings have been installed and maintained in all stacking and storage areas, and the load plan is prominently posted on all floors to ensure compliance.	20-Jul-2022	<p>On 20-Nov-2022: This issue is required to be covered in the Engineering Assessment (EA) report which is pending for submission. During inspection floor load plan was found posted on each floor level and storage loading was found below 105 psf. However, height marking on the storage areas to be provided based on the RSC accepted floor plan.</p> <p>On 07-Feb-2023: Load plan was prepared as part of EA. Factory submitted the EA to RSC which is under review. During inspection, load plan was found posted in each floor and loading was found within 105 psf. Factory is required to post final load plan after acceptance of EA from RSC.</p> <p>On 01-Jun-2025: Load plan was prepared as part of EA which was reviewed and accepted from RSC on 24 Oct 2024. During inspection, load plan was found posted and loading was found below 6 kPa (storage area) as per accepted load plan.</p>	Corrected	 
3	Design report needs to be revised (6 storied RC Building)	Implement the recommendations of design report.	Within 6-months	The factory has submitted the revised design report accordance with BNBC requirements, which was reviewed and accepted by RSC on October 24, 2024. The factory has thoroughly reviewed the RSC-accepted design report and implemented all the recommendations outlined within it.	08-Dec-2022	<p>On 20-Nov-2022: After acceptance of EA documents by the RSC, implement the required remediation (if required).</p> <p>On 07-Feb-2023: This issue will be finalized along with EA. After EA acceptance, factory is required to follow the recommendation for remedial works if required.</p> <p>On 01-Jun-2025: Factory got EA acceptance from RSC on 24 Oct 2024. As per acceptance, no remediation is required.</p>	Corrected	

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4	Design report needs to be revised (6 storied RC Building)	Implement floor load plan.	Within 6-months	The factory has submitted the revised design report for the active management of a floor loading plan, in accordance with BNBC requirements, which was reviewed and accepted by RSC on October 24, 2024. The facility has implemented the RSC-approved load plan and ensured that all workers are trained on the loading requirements. Floor and height markings have been installed and maintained in all stacking and storage areas, and the load plan is prominently posted on all floors to ensure compliance.	08-Dec-2022	<p>On 20-Nov-2022: After acceptance of EA documents by the RSC, post the allowable floor load plan on each floor level, provide height marking to the storage areas and maintain the floor loading accordingly. Until acceptance, maintain floor live load below 105 psf. However, current floor loading was found below 105 psf.</p> <p>On 07-Feb-2023: Load plan was prepared as part of EA. Factory submitted the EA to RSC which is under review. During inspection, load plan was found posted in each floor and loading was found within 105 psf. Factory is required to post final load plan after acceptance of EA from RSC.</p> <p>On 01-Jun-2025: Load plan was prepared as part of EA which was reviewed and accepted from RSC on 24 Oct 2024. During inspection, load plan was found posted and loading was found below 6 kPa (storage area) as per accepted load plan.</p>	Corrected	
5	Exposed rebar found. (6 storied RC Building)	All exposed reinforcement is to be protected from corrosion.	within 6-weeks	Already all the rebar has been protected from corrosion by concrete. It has been done on 15-06-2022	20-Jul-2022	<p>On 20-Nov-2022: All the exposed rebars have been cut-off and sealed.</p> <p>On 07-Feb-2023: This issue was corrected from previous inspection. During inspection, no exposed re-bar was found.</p> <p>On 01-Jun-2025: Corrected previously. All the exposed rebars have been cut-off and sealed.</p>	Corrected	
6	Stacking of construction material on the roof. (6 storied RC Building)	Remove construction materials and debris from the roof	within 6-weeks	All construction material have removed from roof top and cleaned also. It has been done on 22-06-2022	20-Jul-2022	<p>On 20-Nov-2022: Construction materials have been removed from the roof.</p> <p>On 07-Feb-2023: This issue was corrected from previous inspection. During inspection, no construction materials and debris was found at roof.</p> <p>On 01-Jun-2025: Corrected previously. Construction materials have been removed from the roof.</p>	Corrected	

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7	Water proofing layer not found. (6 storied RC Building)	The factory engineer is required provide water proofing layer with proper drainage system and adequate sloping on the roof.	within 6-months	Water proofing has completed on the roof top.	08-Dec-2022	On 20-Nov-2022: Water proofing layer has been provided on the roof and drainage system was found on the roof. On 07-Feb-2023: This issue was corrected from previous inspection. During inspection, water proofing was found with proper drainage system. On 01-Jun-2025: Corrected previously. Factory has provided water proofing layer on roof and drainage system was also found improved.	Corrected	
8	Falling Hazard. (6 storied RC Building)	The factory engineer is required to provide railing/barrier to mitigate the falling hazard.	within 6-weeks	Parapets wall already have provided on the roof top. Now it has been done on 24.06.2022	20-Jul-2022	On 20-Nov-2022: Railing has been provided on the roof. On 07-Feb-2023: This issue was corrected from previous inspection. During inspection, no falling hazard was found at roof. On 01-Jun-2025: Corrected previously. Factory has provided railing on roof.	Corrected	
9	Lack of as-built drawings. (Security Building)	Building engineer is required to survey the structure and produce as-built drawing as per BNBC.	within 6-weeks	Already security building has removed. So it has been done on 18-06-2022	20-Jul-2022	On 20-Nov-2022: Security Building has been demolished. On 07-Feb-2023: This issue was corrected from previous inspection. Factory demolished the security building. On 01-Jun-2025: Corrected previously. Factory demolished the security building.	Corrected	