





## Structural Safety Inspection Report


Factory Name	KM Nobely Garments Ltd
Factory ID	23244
Factory Address	Zorun, Konabari Gazipur-1702
Date of Initial Inspection	21 Dec 2020
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 not fully comply as per BNBC. (Production Building)	Building Engineer to prepare design report as per BNBC (part-6; Article 1.9.1) by reviewing design, loads and capacity of structural members.	Within 6 Weeks	<p>We have submitted DEA to RSC for review on 12-April-2021 and 28-July-2021 respectively. Most recently we participated in online EA review meeting with RSC Structural Safety Engineer on 10-Aug-2021, and after detailed discussion, RSC Engineer recommended us to resubmit the revised DEA to RSC within 12-September-2021. We have already started the works on it, and hopefully we will be able to submit the revised DEA to RSC within 12-September-2021.</p>	03-Mar-2021	<p>On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA .</p> <p>On 16-May-2022: This issue has been covered in EA. EA of the factory building was accepted by RSC on 31-Mar-2022.</p> <p>On 12-Oct-2022: This issue was corrected in previous follow-up inspection. EA was accepted by RSC on 31-Mar-2022. Issue remains corrected.</p> <p><b>On 01-Jun-2025:</b> Corrected previously.</p>	Corrected	

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2	Design report not fully comply as per BNBC. (Production Building)	Verify in situ concrete strength by taken 100 mm diameter cores (minimum 4 nos.) from lower tier columns.	Within 6 Weeks	We have submitted DEA to RSC for review on 12-April-2021 and 28-July-2021 respectively. Most recently we participated in online EA review meeting with RSC Structural Safety Engineer on 10-Aug-2021, and after detailed discussion, RSC Engineer recommended us to resubmit the revised DEA to RSC within 12-September-2021. We have already started the works on it, and hopefully we will be able to submit the revised DEA to RSC within 12-September-2021.	03-Mar-2021	On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA. Factory has taken core from column which is incorporated in EA. On 16-May-2022: Core was taken as part of the EA for the factory building. During inspection, core test report and core location was found. On 12-Oct-2022: This issue was corrected in previous follow-up inspection. Cores were taken a part of EA. EA was accepted by RSC on 31-Mar-2022. Issue remains corrected.  <b>On 01-Jun-2025:</b> Corrected previously.	Corrected	
3	Design report not fully comply as per BNBC. (Production Building)	Building engineer is required to check the connection type & requirement of any additional features.	Within 6 Weeks	We have submitted DEA to RSC for review on 12-April-2021 and 28-July-2021 respectively. Most recently we participated in online EA review meeting with RSC Structural Safety Engineer on 10-Aug-2021, and after detailed discussion, RSC Engineer recommended us to resubmit the revised DEA to RSC within 12-September-2021. We have already started the works on it, and hopefully we will be able to submit the revised DEA to RSC within 12-September-2021.	03-Mar-2021	On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA . On 16-May-2022: Adequacy of connection has been provided in EA which was accepted by RSC on 31-Mar-2022. On 12-Oct-2022: This issue was corrected in previous follow-up inspection. EA was accepted by RSC on 31-Mar-2022. Issue remains corrected.  <b>On 01-Jun-2025:</b> Corrected previously.	Corrected	

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4	Design report not fully comply as per BNBC. (Production Building)	Complete implementation of any remedial works deemed necessary by the Design Report.	Within 6 Months	We have submitted DEA to RSC for review on 12-April-2021 and 28-July-2021 respectively. Most recently we participated in online EA review meeting with RSC Structural Safety Engineer on 10-Aug-2021, and after detailed discussion, RSC Engineer recommended us to resubmit the revised DEA to RSC within 12-September-2021. We have already started the works on it, and hopefully we will be able to submit the revised DEA to RSC within 12-September-2021.	18-Jul-2021	<p>On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA. Any remedial work raised from EA is required to be implemented after getting acceptance of EA.</p> <p>On 16-May-2022: This issue has been covered in EA. EA of the factory building was accepted by RSC on 31-Mar-2022. As per the accepted EA factory is required to complete the retrofitting works within 15-June-2022. During inspection, retrofitting works for the Production Building was found completed. Also the retrofitting completion certificate was available at factory site.</p> <p>On 12-Oct-2022: This issue was corrected in previous follow-up inspection. EA was accepted by RSC on 31-Mar-2022. Retrofitting was completed. Retrofitting completion certificate was available. Issue remains corrected.</p> <p><b>On 01-Jun-2025:</b> Corrected previously.</p>	Corrected	
5	Design report not fully comply as per BNBC. (Production Building)	Continue to implement floor loading plan.	Within 6 Months	We have submitted DEA to RSC for review on 12-April-2021 and 28-July-2021 respectively. Most recently we participated in online EA review meeting with RSC Structural Safety Engineer on 10-Aug-2021, and after detailed discussion, RSC Engineer recommended us to resubmit the revised DEA to RSC within 12-September-2021. We have already started the works on it, and hopefully we will be able to submit the revised DEA to RSC within 12-September-2021.	18-Jul-2021	<p>On 28-Dec-2021: Load plan already been produced as part of EA. As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA. During inspection, loading was found below allowable loading limit(105 psf &amp; 63 psf)</p> <p>On 16-May-2022: Load plan was produced as part of EA which was accepted by RSC on 31-Mar-2022. During inspection, load plan was found posted in each of the floor and loading was found within allowable limit (105 psf) of accepted load plan.</p> <p>On 12-Oct-2022: This issue was corrected in previous follow-up inspection. Load plan was posted. Loading was found within allowable limit (105 psf).</p> <p><b>On 01-Jun-2025:</b> Corrected previously. Load plan was posted. Loading was found within allowable limit (105 psf).</p>	Corrected	 

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6	Apparently inadequate connection of steel cladding. (Production Building)	Building engineer is required to check the connection adequacy against the wind loading.	Within 6 Weeks	We have removed the steel cladding from both stair of production building. The brick wall have been built for safety. It has been corrected	03-Mar-2021	<p>On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA.</p> <p>On 16-May-2022: Connection adequacy of the steel cladding at stair has not been provided in EA. Rather brick wall has been proposed instead of steel cladding in proposed Architectural drawing. Factory is required to replace the steel cladding with brick wall.</p> <p>On 12-Oct-2022: As per accepted EA, factory replaced the steel cladding with brick walls.</p> <p><b>On 01-Jun-2025:</b> Corrected previously.</p>	Corrected	
7	Apparently inadequate connection of steel cladding. (Production Building)	Complete implementation of any remedial works where necessary.	Within 6 Months	Remediation Work has completed	18-Jul-2021	<p>On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA. Any remedial work raised from EA is required to be implemented after getting acceptance of EA.</p> <p>On 16-May-2022: Connection adequacy of the steel cladding at stair has not been provided in EA. Rather brick wall has been proposed instead of steel cladding in proposed Architectural drawing. Factory is required to replace the steel cladding with brick wall.</p> <p>On 12-Oct-2022: As per accepted EA, factory replaced the steel cladding with brick walls.</p> <p><b>On 01-Jun-2025:</b> Corrected previously.</p>	Corrected	

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8	Apparently partial rigidity in the frame connection. (Production Shed)	Building engineer is required to review the connection adequacy and overall stability system in the design report.	Within 6 Weeks	We have submitted DEA to RSC for review on 12-April-2021 and 28-July-2021 respectively. Most recently we participated in online EA review meeting with RSC Structural Safety Engineer on 10-Aug-2021, and after detailed discussion, RSC Engineer recommended us to resubmit the revised DEA to RSC within 12-September-2021. We have already started the works on it, and hopefully we will be able to submit the revised DEA to RSC within 12-September-2021.	03-Mar-2021	On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA. On 16-May-2022: This issue has been covered in EA. EA of the Production Shed was accepted by RSC on 31-Mar-2022. On 12-Oct-2022: This issue was corrected in previous follow-up inspection. EA was accepted by RSC on 31-Mar-2022. Issue remains corrected.  <b>On 01-Jun-2025:</b> Corrected previously.	Corrected	
9	Apparently partial rigidity in the frame connection. (Production Shed)	Building Engineer to prepare design report as per BNBC (part-6; Article 1.9.1) by reviewing design, loads and capacity of structural members.	Within 6 Weeks	We have submitted DEA to RSC for review on 12-April-2021 and 28-July-2021 respectively. Most recently we participated in online EA review meeting with RSC Structural Safety Engineer on 10-Aug-2021, and after detailed discussion, RSC Engineer recommended us to resubmit the revised DEA to RSC within 12-September-2021. We have already started the works on it, and hopefully we will be able to submit the revised DEA to RSC within 12-September-2021.	03-Mar-2021	On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA. On 16-May-2022: This issue has been covered in EA. EA of the Production Shed was accepted by RSC on 31-Mar-2022. On 12-Oct-2022: This issue was corrected in previous follow-up inspection. EA was accepted by RSC on 31-Mar-2022. Issue remains corrected.  <b>On 01-Jun-2025:</b> Corrected previously.	Corrected	

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10	Apparently partial rigidity in the frame connection. (Production Shed)	Carryout remedial works where necessary.	Within 6 Months	Remediation Work has completed	18-Jul-2021	<p>On 28-Dec-2021: This issue is required to be covered in Engineering Assessment (EA). As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA. Any remedial work raised from EA is required to be implemented after getting acceptance of EA.</p> <p>On 16-May-2022: This issue has been covered in EA. EA of the Production Shed was accepted by RSC on 31-Mar-2022. Factory is required to complete the retrofitting works within 15-June-2022. Before the initial inspection, factory has done retrofitting works for the Production Shed. The title of that retrofitting drawing is " Existing Retrofit Drawing (Steel)". During inspection, steel Beam &amp; Sub-beam (Grid - 4to8/I-J) were not found retrofitted as per " Existing Retrofit Drawing (Steel)". Factory is required to complete the retrofitting works as per accepted drawing. However, factory completed the retrofitting works as per accepted proposed retrofitting drawing.</p> <p>On 12-Oct-2022: EA was accepted by RSC on 31-Mar-2022. As per accepted EA, factory completed all the retrofitting work. Retrofitting completion certificate was available.</p> <p><b>On 01-Jun-2025:</b> Corrected previously.</p>	Corrected	
11	Inconsistency in the drawings. (Production Building & Shed)	Building engineer is required to survey the both structures and prepared as constructed drawings.	Within 6 Weeks	Remediation Work has completed as per retrofit drawing	03-Mar-2021	<p>On 28-Dec-2021: As-built drawing already been produced as part of EA.As per last pre submission meeting held up on 22nd December 2021 factory was required to submit the revised EA.</p> <p>On 16-May-2022: As built drawing was produced as part of EA which was accepted by RSC on 31-Mar-2022. Before the initial inspection, factory has done retrofitting works for the Production Shed. The title of that retrofitting drawing is " Existing Retrofit Drawing (Steel)". During inspection, steel Beam &amp; Sub-beam (Grid - 4to8/I-J) were not found retrofitted as per " Existing Retrofit Drawing (Steel)". So, on-site condition do not match with the as-built drawing. Factory is required to complete the retrofitting works as per accepted drawing.</p> <p>On 12-Oct-2022: EA was accepted by RSC on 31-Mar-2022. As per accepted EA, factory completed all the retrofitting work. Retrofitting completion certificate was available.</p> <p><b>On 01-Jun-2025:</b> Corrected previously.</p>	Corrected	

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12	New Findings 1: Lack of as-built drawings for Single storied Utility Building, 2 storied RC ETP building (2580 sft) and Single storied RC Chemical Room (580 sft).	The Building engineer is required to prepare full set of as-built drawings for ETP Building along with Utility Building and chemical Room considering onsite condition and keep onsite for next follow-up inspections.	(within 6 weeks)		20-Aug-2025	<b>On 01-Jun-2025:</b> During inspection, no as-built drawings were available for ETP Building along with Utility Building and chemical Room. The Building engineer is required to prepare full set of as-built drawings for ETP Building along with Utility Building and chemical Room considering onsite condition and keep onsite for next follow-up inspections.	In Progress	