
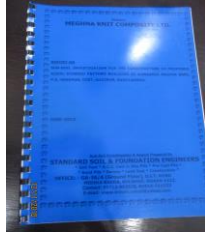


Structural Safety Inspection





Factory Name	MEGHNA KNIT COMPOSITE LIMITED	Accord ID	9508
Factory Address	SRIIPUR ROAD, GILARCHALA, SRIIPUR		
Inspection Date	03/11/2013		
Date of Review Inspection	12-Nov-18		
Inspected by	Md. Latifur Rahman Siddique		



Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(DD/MM/YYYY)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
1	Verify column design and concrete strengths for all internal columns within the factory	Factory Engineer to review design, loads and columns stresses in area identified above.	6 Weeks	DEA has been reviewed and accepted by Accord on 20.03.2016. As per review 06 column's retrofitting has completed.	30/11/2015	<p>On 03/09/2014: Factory management have submitted a DEA report in which concrete strength is determined by Schmidt hammer test. That is why this report is not acceptable.</p> <p>On 16/11/2016: Factory engineer analysis the column capacity with in their approved DEA.</p> <p>On 15/01/2018: This issue was corrected from previous inspection. DEA of the factory has been accepted by Accord on 20-March-2016.</p> <p>On 01/08/2018: This issue has been corrected as per 2nd follow up inspection. DEA of the factory was accepted from ACCORD on 20/03/2016.</p> <p>On 12/11/2018: This issue was corrected from previous inspection. DEA of factory building was accepted by ACCORD on 20 March 2016.</p>	Corrected	
2	Verify column design and concrete strengths for all internal columns within the factory	Verify insitu concrete stresses either by cores or existing cylinder strength data for all internal columns within the factory.	6 Weeks	DEA has been reviewed and accepted by Accord on 20.03.2016. As per review 06 column's retrofitting has completed.	30/11/2015	<p>On 03/09/2014: Not Done</p> <p>On 16/11/2016: Factory took core from column for analysis the capacity in DEA.</p> <p>On 15/01/2018: This issue was corrected from previous inspection. Concrete core test has been completed and test report has been incorporated in DEA report.</p> <p>On 01/08/2018: This issue has been corrected as per 2nd follow up inspection. Cores were collected from columns which is incorporate in DEA. DEA of the factory was accepted from ACCORD on 20/03/2016.</p> <p>On 12/11/2018: This issue was corrected from previous inspection.</p>	Corrected	

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3	Verify column design and concrete strengths for all internal columns within the factory	Produce and actively manage a loading plan for all floor plates within the factory giving consideration to floor capacity and column capacity.	6 Months	DEA reviewed and accepted by Accord on 20.03.2016. As per review 06 column's retrofitting has been completed.	'31/03/2016	<p>On 03/09/2014: Not Done</p> <p>On 16/11/2016: Factory prepared a load plan as part of DEA. During inspection no load plan was found posted on floor although load was found less than allowable load limit. Factory is required to maintain the safe loading limit and post the load plan on every floor.</p> <p>On 15/01/2018: Load plan has been produced as part of DEA and accepted along with DEA report. During inspection load plan was found posted and load was found as per accepted load plan.</p> <p>On 01/08/2018: This issue has been corrected as per 3rd follow up inspection. Load plan has been prepared as part of DEA. DEA of the factory was accepted from ACCORD on 20/03/2016. During inspection, load was found more than load considered in accepted load plan. Brief comments after inspection stated at new findings-1. Please see the item no.13.</p> <p>On 12/11/2018: This issue was corrected from previous inspection. During inspection, accepted load plan was found posted in each of the floor. Loading was found little bit more than allowable limit (Max 3KN/m2 in storage and 2 KN/m2 in production floor). Later factory reduced the loading and sent pictorial evidence.</p>	Corrected	
4	Soils Report carried out in 2013.	Building Engineer to review Soils Report to confirm that the geotechnical design criteria have been fully complied with in the original design of the factory	6 Months	We've reviewed the Soil Test Report by Qualified Building Engineer	'30/11/2015	<p>On 03/09/2014: Not Done</p> <p>On 16/11/2016: Factory submitted the soil test report with DEA which was accepted on 20-March-2016.</p> <p>On 15/01/2018: This issue was corrected from previous inspection. Soil test report has been incorporated in DEA report and DEA was accepted from ACCORD on 20-March-2016.</p> <p>On 01/08/2018: This issue has been corrected as per 2nd follow up inspection. DEA of the factory was accepted from ACCORD on 20/03/2016.</p> <p>On 12/11/2018: This issue was corrected from previous inspection.</p>	Corrected	
5	Hairline cracks in beams and slab on soffit of 3rd floor	Sections of plaster finish to beams and slab to be removed to investigate if cracks penetrate the building structure.	6 Weeks	The issue was corrected during accord follow up visit	'10/09/2014	<p>On 03/09/2014: Factory Engineer have investigated the beams and slabs and he assured that those cracks are not structural.</p> <p>On 16/11/2016: This issue is corrected as per previous inspection.</p> <p>On 15/01/2018: This issue was corrected from previous inspection. As per investigation report the beams and slabs and he assured that those cracks are not structural.</p> <p>On 01/08/2018: This issue has been corrected as per 1st follow up inspection. As per investigation report those cracks on beams and slabs are not structural.</p> <p>On 12/11/2018: This issue was corrected from previous inspection. During inspection, crack was not found.</p>	Corrected	

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6	Hairline cracks in beams and slab on soffit of 3rd floor	Building Engineer to carry out design check on beams and slabs to confirm that these cracks are nonstructural.	6 Months	The issue was corrected during accord follow up visit	*10/08/2014	<p>On 03/09/2014: Factory Engineer have investigated the beams and slabs and he assured that those cracks are not structural.</p> <p>On 16/11/2016: This issue is corrected as per previous inspection.</p> <p>On 15/01/2018: This issue was corrected from previous inspection. As per investigation report the beams and slabs and he assured that those cracks are not structural.</p> <p>On 01/08/2018: This issue has been corrected as per 1st follow up inspection. As per investigation report those cracks on beams and slabs are not structural.</p> <p>On 12/11/2018: This issue was corrected from previous inspection. DEA of factory building was accepted by ACCORD on 20 March 2016.</p>	Corrected	
7	Hairline cracks in beams and slab on soffit of 3rd floor	Building Engineer to prepare Allowable Floor Loading Plans	6 Months	We're removed the hairline crakes in the beams and slab of 3rd floor	*30/11/2015	<p>On 03/09/2014: Not Done</p> <p>On 16/11/2016: Factory prepared a load plan as part of DEA. Factory is required to maintain the safe loading limit according to the approved loading plan.</p> <p>On 15/01/2018: Load plan has been produced as part of DEA and accepted from ACCORD along with DEA report. During inspection load plan was found posted and load was found as per accepted load plan.</p> <p>On 01/08/2018: This issue has been corrected as per 1st follow up inspection. As per investigation report those cracks on beams and slabs are not structural.</p> <p>On 12/11/2018: This issue was corrected from previous inspection. During inspection, accepted load plan was found posted in each of the floor. Loading was found little bit more than allowable limit (Max 3KN/m2 in storage and 2 KN/m2 in production floor). Later factory reduced the loading and sent pictorial evidence.</p>	Corrected	
8	Localised dampness - water causing damage.	Building Engineer to inspect water damaged structure including the exterior and propose a suitable repair.	6 Months	The work is in progress & it will be completed by 20th September.	*31/03/2016	<p>On 03/09/2014: Building Engineer have inspected and repaired those areas. But still there have some sign of water damage.</p> <p>On 16/11/2016: During inspection several water dampness were found. Also water ponding was found on roof top near the water tank. Factory is required to inspect the dampness location and take necessary repair action for preventing the dampness.</p> <p>On 15/01/2018: During inspection, several water dampness were found. Factory is required to inspect the dampness location and take necessary repair action for preventing the dampness.</p> <p>On 01/08/2018: During inspection, several water dampness were found. Factory is required to take necessary repair action for preventing dampness.</p> <p>On 12/11/2018: During inspection, no dampness was found.</p>	Corrected	

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9	Spalling of plaster over 1st floor window on South elevation.	Building Engineer to inspect spalling of plasterwork over the window and to propose a suitable repair.	6 Months	The issue was corrected during accord follow up visit	'10/08/2014	<p>On 03/09/2014: Building Engineer have inspected and repaired those areas.</p> <p>On 16/11/2016: This issue is corrected as per previous inspection.</p> <p>On 15/01/2018: This issue was corrected from previous inspection. Factory repaired all damaged area of plaster spalling.</p> <p>On 01/08/2018: This issue has been corrected as per 1st follow up inspection. Factory repaired all damaged area of plaster spalling.</p> <p>On 12/11/2018: This issue was corrected from previous inspection.</p>	Corrected	
10	Spalling of plaster over 1st floor window on South elevation.	Repair works to be carried out	6 Months	The issue was corrected during accord follow up visit	'14/05/2014	<p>On 03/09/2014: Building Engineer have inspected and repaired those areas.</p> <p>On 16/11/2016: This issue is corrected as per previous inspection.</p> <p>On 15/01/2018: This issue was corrected from previous inspection. Factory repaired all damaged area of plaster spalling.</p> <p>On 01/08/2018: This issue has been corrected as per 1st follow up inspection. Factory repaired all damaged area of plaster spalling.</p> <p>On 12/11/2018: This issue was corrected from previous inspection.</p>	Corrected	
11	Dyeing Building - Vertical steel bracing - some end bays are missing bracing or have incomplete bracing.	Building Engineer to review design of vertical stability bracing to steel structure for code compliance. Installation of additional vertical bracing to be proposed if required.	6 Months	The work is in progress & the task will be completed by 21st October, 2018	'31/03/2016	<p>On 03/09/2014: Not Done</p> <p>On 16/11/2016: Factory engineer submitted analysis of shed with DEA which was approved on 20 March 2016. During inspection, some mismatch were found in the shed. Factory is required to submit the corrected as built drawing with analysis with in 15- December-2016.</p> <p>On 15/01/2018: This issue is required to cover in assessment report of shed portion. A review mail was sent from ACCORD on 27/07/2017 with some correction. Factory is required to submit the corrected revised assessment report within given timeline.</p> <p>On 01/08/2018: EA of the dyeing building was reaccepted on 26/07/2018. As per recommendation of re-accepted DEA, dyeing building requires strengthening within 31/10/2018. Factory has not started remediation works yet.</p> <p>On 12/11/2018: EA of Dyeing shed was accepted ACCORD on 26/07/2018. During retrofitting verification, some mismatch was found. Factory submitted revised design documents to ACCORD as supporting documents which was found satisfactory.</p>	Corrected	 
12	Damage connection point at embroidery and dining building.	Building Engineer to inspect damage connection of steel joint and to propose a suitable repair.	6th months		'31/07/2018	<p>On 15/01/2018: During inspection some damaged connection of steel beam were found. Factory is required to inspect damage connection portion and repair with a suitable method.</p> <p>On 01/08/2018: Factory has repaired the damaged connection. The connection was initially welded internally.</p>	Corrected	

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13	New finding 1: Uncontrolled loading on different floors	Continue to implement load plan.	(Immediate – Now)	Already we have provided the mximum load marking & maintaing the accepted load based on the accepted load plan by ACCORD.	'21/08/2018	<p>On 01/08/2018: Load plan has been prepared as part of DEA which was accepted from ACCORD on 20/03/2016. But factory is not following accepted load plan. During inspection, load was found more than load considered in accepted load plan on 1st and 5th floors. Factory is required to follow accepted load plan on all areas of the building. Factory is required to provide load limit marking according to load limit allowable by accepted load plan.</p> <p>On 12/11/2018: This issue was corrected from previous inspection. During inspection, accepted load plan was found posted in each of the floor. Loading was found little bit more than allowable limit (Max 3KN/m2 in storage and 2 KN/m2 in production floor). Later factory reduced the loading and sent pictorial evidence.</p>	Corrected	