


Structural Safety Inspection Report


Factory Name	Jericho Imex Ltd
Accord ID	9414
Factory Address	DAG NO. 1/20 & 330, MONTRIKIRI ROAD, SOUTH SHALNA, SHALNA BAZAR, CAZIBUR 1703
Date of Initial Inspection	20-Sep-2016
Date of Review Inspection	19-Mar-2020
Inspected by	Md. Abu Zafar-Al-Mansur







Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
1	Insufficient documents and discrepancies between drawings & site observations.	Building Engineer to survey as constructed building and prepare a set of as-built drawings.	within 6-weeks	Done	16-Mar-2019	<p>On 7-Nov-17: Factory has prepared a set of drawing along with EA report and submitted to Accord. Some revisions are required which is need to be submit within 16/11/2017. This issue will cover in EA.</p> <p>On 27-May 2018: As built drawings was produced and submitted(5th submission) with EA .As per review comment sent by Accord ,factory is required to submit revised EA within 28th May 2018.</p> <p>On 23-Apr-2019: As-built drawings have been produced along with EA and submitted(12th Submission) to Accord on 14th Feb 2019. Review comments were sent on submitted EA on 9th Apr 2019. As per review comments, factory is required to submit revised EA within 6th May 2019.</p> <p>On 30-October-2019: As built drawings were prepared as a part of EA. Factory management got EA acceptance from ACCORD on 29-May-2019. After conducting a EA verification inspection this issue will be corrected.</p> <p>On 19th March 2020: As-built drawing has been produced and re-accepted as a part of EA on 2nd March 2020. During inspection as-built drawing of Main Factory Shed was matched with the as-built condition but all columns in Utility Building were found 90 degree rotated from which was shown in column layout. After checking in FEM model one column has been found overstressed. However, demolition work of Utility Building was found completed as per accepted drawing. Factory is required to submit the revised Drawing with FEM analysis of Utility Building to Accord within 2 weeks of receiving the report.</p>	In Progress	<p>The photograph shows a long, narrow hallway inside a factory. The walls are white, and the floor is a light-colored, possibly polished concrete. A ceiling light fixture is visible, and the hallway appears to be well-lit. The perspective is from one end of the hallway looking down its length.</p>

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
2	Lack of lateral stability observed.	Carry out an Engineering Assessment on the buildings to verify that they are stable under lateral loading.	within 6-weeks	Done	16-Mar-2019	<p>On 7-Nov-17: Factory has submitted EA report to Accord. Some revisions are required which is need to be submit within 16/11/2017. This issue will cover in EA.</p> <p>On 27-May 2018: Factory has been carried out EA and submitted to Accord .As per review comment sent by Accord ,factory is required to submit revised EA within 28th May 2018.</p> <p>On 23-Apr-2019: This issue is required to be covered under EA. EA has been produced and submitted(12th Submission) to Accord on 14th Feb 2019. Review comments were sent on submitted EA on 9th Apr 2019. As per review comments, factory is required to submit revised EA within 6th May 2019.</p> <p>On 30-October-2019: This issue had been covered in EA report. Factory management got EA acceptance from ACCORD on 29-May-2019. As per recommendation of EA retrofitting works were required to be completed within 31 - August-2019. But during inspection retrofitting works were found ongoing (steel part completed but 2 nos. RC column retrofitting pending).</p> <p>On 19th March 2020: EA of the Factory Shed has been reviewed and re-accepted from Accord on 2nd March 2020.</p>	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
3	Lack of lateral stability observed.	Carry out all recommendations of the Engineering Assessment.	within 6-months	Done	16-Mar-2019	<p>On 7-Nov-17: Factory has submitted EA report to Accord. Some revisions are required which is need to be submit within 16/11/2017. This issue will be corrected after completion of remediation work as per EA recommendation.</p> <p>On 27-May 2018: EA has been carried out and submitted to Accord .As per review comment sent by Accord ,factory is required to submit revised EA within 28th May 2018.Factory is required to carry out remedial works as per recommendations from accepted EA .</p> <p>On 23-Apr-2019: This issue is required to be covered under EA. EA has been produced and submitted(12th Submission) to Accord on 14th Feb 2019. Review comments were sent on submitted EA on 9th Apr 2019. As per review comments, factory is required to submit revised EA within 6th May 2019. Factory is required to carry out remedial works(if any) as per recommendation from accepted EA.</p> <p>On 30-October-2019: This issue had been covered in EA report. Factory management got EA acceptance from ACCORD on 29-May-2019. As per recommendation of EA retrofitting works were required to be completed within 31-August-2019. But during inspection retrofitting works were found ongoing (steel part completed but 2 nos. RC column retrofitting pending).</p> <p>On 19th March 2020: Factory has completed all retrofitting works in Factory Shed as per accepted retrofitting drawing. Retrofitting completion certificate has also been provided by the factory consultant.</p>	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
4	Non-Engineered Lightweight steel structures.	Engage a qualified structural engineer to confirm satisfactory structural performance of the buildings under wind loading.	within 6-weeks	Done	16-Mar-2019	<p>On 7-Nov-17: Factory has submitted EA report to Accord. Some revisions are required which is need to be submit within 16/11/2017. This issue will cover in EA.</p> <p>On 27-May 2018: Structural performance under wind loading was checked in EA.EA has been submitted to Accord .As per review mail ,factory is required to submit revised EA within 28th May 2018.</p> <p>On 23-Apr-2019: This issue is required to be covered under EA. EA has been produced and submitted(12th Submission) to Accord on 14th Feb 2019. Review comments were sent on submitted EA on 9th Apr 2019. As per review comments, factory is required to submit revised EA within 6th May 2019.</p> <p>On 30-October-2019: This issue had been covered in EA report. Factory management got EA acceptance from ACCORD on 29-May-2019. As per recommendation of EA, non-engineered lightweight steel structure at roof was required to be demolished within 31-August-2019. But during inspection it was found that demolishing work not started yet.</p> <p>On 19th March 2020: Factory has demolished all non engineered Steel structures.</p>	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
5	Non-Engineered Lightweight steel structures.	Remedial works to be carried out if required.	within 6-months	Done	16-Mar-2019	<p>On 7-Nov-17: Factory has submitted EA report to Accord. Some revisions are required which is need to be submit within 16/11/2017. This issue will be corrected after completion of remediation work as per EA recommendation.</p> <p>On 27-May 2018: Non engineered light weight steel structures were incorporated in EA.EA has been submitted to Accord .As per review mail ,factory is required to submit revised EA within 28th May 2018.Factory is required to carry out remedial works as per recommendations from accepted EA .</p> <p>On 23-Apr-2019: This issue is required to be covered under EA. EA has been produced and submitted(12th Submission) to Accord on 14th Feb 2019. Review comments were sent on submitted EA on 9th Apr 2019. As per review comments, factory is required to submit revised EA within 6th May 2019. Factory is required to carry out remedial works(if any) as per recommendation from accepted EA.</p> <p>On 30-October-2019: This issue had been covered in EA report. Factory management got EA acceptance from ACCORD on 29-May-2019. As per recommendation of EA, non-engineered lightweight steel structure at roof was required to be demolished within 31-August-2019. But during inspection it was found that demolishing work not started yet.</p> <p>On 19th March 2020: Factory has demolished all non engineered Steel structures.</p>	Corrected	
6	Falling hazards on the roof & water ponding and protect reinforcement & steel member from corrosion.	Provide immediate edge protection to the roof.	Immediate - Now	Done	23-Dec-2016	<p>On 7-Nov-17: Factory did not provide any edge protection to the roof</p> <p>On 27-May 2018: Edge protection was provided on roof .</p> <p>On 23-Apr-2019: This issue is corrected in previous follow-up inspection.</p> <p>On 30-October-2019: Corrected in previous follow up inspection. Factory management had provided edge protection on roof.</p> <p>On 19th March 2020: Corrected from previous inspection. Factory has provided parapet at roof level.</p>	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
7	Falling hazards on the roof & water ponding and protect reinforcement & steel member from corrosion.	Factory engineer to identify the cause of water ponding & suggest appropriate remedial action.	within 6-weeks	Done	17-Dec-2016	<p>On 7-Nov-17: They have not provided water proofing layer at the roof top to protect water intrusion into the slab. No water ponding found during inspection.</p> <p>On 27-May 2018: Water proofing was not provided on rooftop .Factory is required to provide water proofing with sufficient slope .</p> <p>On 23-Apr-2019: No water ponding was observed during inspection. Water proofing has been applied on rooftop. Drainage system has been also provided.</p> <p>On 30-October-2019: Corrected in previous follow up inspection. Water proofing had been applied on rooftop. Water ponding was not observed during inspection.</p> <p>On 19th March 2020: Corrected from previous inspection. factory has improved drainage system and during inspection no water ponding was found.</p>	Corrected	
8	Falling hazards on the roof & water ponding and protect reinforcement & steel member from corrosion.	All exposed reinforcement is to be protected from corrosion which may cause degradation of the concrete.	within 6-weeks	Done	17-Dec-2016	<p>On 7-Nov-17: All exposed reinforcements are found coated with color.</p> <p>On 27-May 2018: This issue is corrected in previous follow-up inspection .Exposed reinforcement was painted .</p> <p>On 23-Apr-2019: This issue is corrected in 1st follow-up inspection. All rooftop exposed reinforcements has been coated with paint.</p> <p>On 30-October-2019: Corrected in previous follow up inspection. Exposed rebar were found coated with paint.</p> <p>On 19th March 2020: Corrected from previous inspection. All exposed rebar were found coated with paint.</p>	Corrected	
9	New finding: Crack in column of factory shed	Building engineer to expose the surface of the concrete column to determine if the cracking extends through the cover into the column and make recommendations for remedial measures if required.	(Immediate – Now)	Done	17-Nov-2017	<p>On 7-Nov-17: Cracks found in five columns of factory shed. Building engineer is required to investigate the crack and provide proper repairing scheme for the cracks immediately.</p> <p>On 27-May 2018: Factory has investigated the cracks .As per investigation reports the cracks were not penetrated to concrete .Factory has plastered the columns .During inspection ,no crack was observed .</p> <p>On 23-Apr-2019: This issue is corrected in 2nd follow-up inspection. Factory has investigated the cracks, submitted investigation to Accord. As per investigation report, the cracks were non structural. Factory authority has also repaired the cracks.</p> <p>On 30-October-2019: Corrected in previous follow up inspection. Cracks were non-structural.</p> <p>On 19th March 2020: Corrected from previous inspection. Factory has repaired the crack as per investigation report.</p>	Corrected	