Structural Safety Inspection Report

Factory Name	Taqwa Fabrics Ltd.
Accord ID	9530
Factory Address	Boherachala Gilaberaeed, Kewa, Sreepur
Date of Initial Inspection	16-Apr-2014
Date of Review Inspection	02-Jan-2020
Inspected by	Abu Zafar-Al-Mansur & Sadi Md. Zulker Nine

ACCORD
on Fire and Building Safety in Bangladesh

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	Column Stress Levels, with particular reference to column beneath 3 storey vertical extension to Packing Section of Main Building.	• Building Engineer to review design, loads and column stresses in structure.	Immediately	Corrected.	31-Dec-2016	**On 25/08/2015:** DEA report submitted to Accord. Under review **On 06/09/2016:** DEA got partially approval on 4th September, 2016 and retrofitting is required for packing section to factory building. So this issue will be corrected after the complexation of retrofitting. **On 05-Feb-2017:** During verification, some mismatch was found. Factory is required to submit the corrected as built drawing with DEA. **On 02-April-2017:** Factory has been carried out Detail Engineering Assessment(DEA). DEA has been accepted by Accord. As per accepted DEA recommendation, factory has carried out strengthen works. **On 17-Dec-2017:** DEA was accepted and all the remedial works were completed for main building. Issue remains corrected. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. DEA of RCC Building was accepted by ACCORD on 04-09-2016. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. DEA of the RCC building was accepted by Accord. **On 02-Jan-2020:** Corrected from previous inspection.	Corrected	
2	Column Stress Levels, with particular reference to column beneath 3 storey vertical extension to Packing Section of Main Building.	• A Detail Engineering Assessment of Packing Section in Main Building is to be commenced – see attached scope.	Immediately	Corrected.	31-Dec-2016	**On 25/08/2015:** DEA report submitted to Accord. Under review **On 06/09/2016:** DEA got partially approval on 4th September, 2016 and retrofitting is required for packing section to factory building. So this issue will be corrected after the complexation of retrofitting. **On 05-Feb-2017:** During verification, some mismatch was found. Factory is required to submit the corrected as built drawing with DEA. **On 02-April-2017:** Factory has been carried out Detail Engineering Assessment(DEA). DEA has been accepted by Accord. As per accepted DEA recommendation, factory has carried out strengthen works. **On 17-Dec-2017:** All the remedial works were completed for main building. Issue remains corrected. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. DEA of RCC Building was accepted by ACCORD on 04-09-2016. **On 29-May-2019:** This issue is corrected in previous follow-up inspection **On 02-Jan-2020:** Issue corrected from previous follow-up inspection	Corrected	
3	Column Stress Levels, with particular reference to column beneath 3 storey vertical extension to Packing Section of Main Building.	• Verify inside concrete stresses by taking 100mm diameter cores from min. 4 columns at ground floor level.	Immediately	Corrected.	31-Dec-2016	**On 25/08/2015:** Core test complete. Report attached with DEA report. We only verified core cutting location from beam because they have decorated columns with tiles **On 06/09/2016:** Corrected in 1st follow up; found same in current. **On 05-Feb-2017:** Factory took core as part of DEA. This issue is corrected as per previous inspection. **On 02-April-2017:** This issue was corrected in previous inspection. **On 17-Dec-2017:** Cores were taken as a part of DEA. Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** This issue was corrected from previous inspection.	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
4	Column Stress Levels, with particular reference to column beneath 3 storey vertical extension to Packing Section of Main Building.	•Produce and actively manage a loading plan for all floor plates within the factory, giving consideration to floor capacity and column capacity.	within 06 week	Corrected.	31-Dec-2016	**On 25/08/2015:** Load plan produced as part of DEA report. Allowable loading limit in is 2 Kpa. Although load plan will be finalized with DEA approval. We found heavy loading on 4th & 5th floor. **On 06/09/2016:** Found incorrect; Load plan found prepared & posted to each floor. Loading found below 1kpa except 4th floor packing zone of main building. Factory management told they will shift their storage section to another shed building within 1 month which is in under construction. Factory management also send some pictorial evidence of reducing loading from 4th floor by mail. **On 05-Feb-2017:** Load was found less then 20psf. Due to find some mismatch in as built drawing, factory is required to submit the corrected as built drawing. Until the acceptance, factory will follow the safe load plan. **On 02-April-2017:** Factory has been carried out Detail Engineering Assessment(DEA). DEA has been accepted by Accord. As per accepted DEA recommendation, factory has carried out strengthen works. So factory can follow final loading plan. Final loading plan was posted on floors. Loading was found as per approved load plan **On 17-Dec-2017:** Floor load plan was found posted. During inspection, floor loading found within the allowable limit. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. Load plan was produced as part of DEA. Factory completed retrofitting works and posted final load plan. During inspection, Loading was found more than 42 psf. After that factory reduced loading and sent pictorial evidence which found satisfactory. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. Load plan was posted(42psf). Load was found below 42psf. **On 02-Jan-2020:** Corrected from previous inspection. Load was found below 42psf. Load plan was posted(42psf).	Corrected	 
5	Column Stress Levels, with particular reference to column beneath 3 storey vertical extension to Packing Section of Main Building.	•Detail Engineering Assessment to be completed.	within 06 week	Corrected.	31-Dec-2016	**On 25/08/2015:** DEA report submitted to Accord. Under review **On 06/09/2016:** DEA got partially approval on 4th September, 2016 and retrofitting is required for packing section to factory building. So this issue will be corrected after the completion of retrofitting. **On 05-Feb-2017:** During verification, some mismatch was found. Factory is required to submit the corrected as built drawing with DEA. **On 02-April-2017:** Factory has been carried out Detail Engineering Assessment(DEA). DEA has been accepted by Accord. As per accepted DEA recommendation, factory has carried out strengthen works. **On 17-Dec-2017:** Factory management has completed all the remedial works for the main building. Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. Factory completed retrofitting works. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous inspection. DEA was accepted by ACCORD on 01-Nov-2018. Factory has completed all retrofitting drawing as per accepted DEA.	Corrected	 
6	Column Stress Levels, with particular reference to column beneath 3 storey vertical extension to Packing Section of Main Building.	Continue to implement loading plan.	within 06 month	Corrected.	31-Dec-2016	**On 25/08/2015:** Load plan produced as part of DEA report. Allowable loading limit in is 2 Kpa. Although load plan will be finalized with DEA approval. We found heavy loading on 4th & 5th floor. **On 06/09/2016:** Found incorrect; Load plan found prepared & posted to each floor. Loading found below 1kpa except 4th floor packing zone of main building. Factory management told they will shift their storage section to another shed building within 1 month which is in under construction. Factory management also send some pictorial evidence of reducing loading from 4th floor by mail. **On 05-Feb-2017:** Load was found less then 20psf. Due to find some mismatch in as built drawing, factory is required to submit the corrected as built drawing. Until the acceptance, factory will follow the safe load plan. **On 02-April-2017:** Factory has been carried out Detail Engineering Assessment(DEA). DEA has been accepted by Accord. As per accepted DEA recommendation, factory has carried out strengthen works. So factory can follow final loading plan. Final loading plan was posted on floors. Loading was found as per approved load plan **On 17-Dec-2017:** Floor load plan was found posted. During inspection, floor loading was found within the allowable limit. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. Load plan was produced as part of DEA. Factory completed retrofitting works and posted final load plan. During inspection, Loading was found more than 42 psf. After that factory reduced loading and sent pictorial evidence which found satisfactory. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. Load plan was posted (42psf). Load was found below 42psf. **On 02-Jan-2020:** Corrected from previous inspection. Load was found below 42psf. Load plan was posted (42psf).	Corrected	 

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
7	Missing Bolts to Primary Structural Steelwork in Raw Materials Godown Building.	Provide temporary prop to end of steel beam. Building Engineer to ensure correct connection detail is designed, fabricated and installed on site.	Immediately	Corrected.	31-Dec-2016	**On 25/08/2015:** Missing bolt installed. **On 06/09/2016**: Corrected in 1st follow up; found same in current. **On 05-Feb-2017:** This issue was corrected in previous inspection. During inspection, some bolts were still missing. Brief comments after inspection stated at new finding-1. Please see the item no. 22 **On 02-April-2017:** This issue was corrected in previous inspection. **On 17-Dec-2017:** Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous inspection. Factory has completed all remediation works as per accepted DEA therefore no prop installation is required now.	Corrected	
8	Slender Column to Dyeing Building.	Building Engineer to check the design and capacity of the slender circular hollow section supporting the steel roof and make any necessary alterations.	within 06 week	Corrected.	10-Jan-2018	**On 25/08/2015:** The have replaced previous slender column with new I section steel column. **On 06/09/2016:** Still pending; factory management replaced the slender column with new steel I section column but this issue is not covered in DEA report. Factory management will submit all other documents of steel structures as per requirement of initial inspection report within october,2016. **On 05-Feb-2017:** Steel joist column(152mmx6mmx443mmx8mm) was found in place of slender column. Factory submitted the design analysis report on 02-Jan-2017 to ACCORD and the report is under review. After getting acceptance, factory is required to follow the recommendation of the accepted report. **On 02-April-2017:** This issue will be covered in DEA. After getting acceptance, factory is required to follow the recommendation of the accepted report. **On 17-Dec-2017:** DEA was accepted on 22th November 2017. During inspection, factory has started the structural alteration as per accepted DEA. All the remedial works are required to be completed within 10th January 2018. Factory management must complete all the remediation within given timeline. **On 16-Jul-2018:** Design adequacy has been checked as part of DEA which had accepted from ACCORD on 22-Nov-2017. As per DEA recommendation, retrofitting is required for the go down building and dyeing building. During inspection, retrofitting work of the go down building was found completed. 20% retrofitting work of dyeing building is yet to be completed. **On 09-Oct-2018:** This issue has been covered in DEA. DEA of Dyeing building was accepted by ACCORD on 20th November 2017. Factory completed retrofitting works. During retrofitting verification, some mismatch was found. At site; joint details of dual L section for bottom cord of truss member doesn't match with retrofitting drawing. Factory is required to construct as provided in retrofitting drawing or submit revised design documents to ACCORD within 7 days of receiving the report. Joint of wall bracing and roof bracing does not match with drawing and found inadequate. Factory repaired joint of bracing and sent pictorial evidence. Gap was also found at connection plate. All the joint and connection plate is required to be re-checked and repaired which will be verified in next inspection. **On 29-May-2019:** Factory submitted revised documents of 2 storied steel building as per mismatch found in verification inspection. Revised documents got re-acceptance by Accord on 1st November 2018. retrofitting was completed. During inspection, no discrepancy was found. **On 02-Jan-2020:** Corrected from previous issue. DEA has been accepted and factory has completed all retrofitting works in Dyeing building.	Corrected	
9	No edge protection at Roof Level of Main Building (5th and 6th Floor levels).	Provide immediate edge protection to both roof levels whilst construction work continues on site.	Immediately	Corrected.	25-Oct-2014	**On 25/08/2015:** Edge protection provided on roof **On 06/09/2016:** Corrected in 1st follow up; found same in current. **On 05-Feb-2017:** Parapet wall was found on roof top. This issue is corrected as per previous inspection. **On 02-April-2017:** This issue was corrected in previous inspection. **On 17-Dec-2017:** Edge protection at roof level has been provided. Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. During inspection, parapet wall was found at roof level. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous inspection.	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
10	Missing longitudinal bracing to Raw Materials Godown Building & Dyeing Building	Building Engineer to check the design of the building for longitudinal stability and provide roof and wall bracing as necessary.	within 06 week	Corrected.	10-Jan-2018	**On 25/08/2015:** We found longitudinal bracing in Dyeing building, not in Go down building. Finally this issue will be covered in DEA **On 06/09/2016:** Still pending; During inspection bracing found installed in dyeing building only. Factory management will submit all other documents of steel structures as per requirement of initial inspection report within october,2016. **On 05-Feb-2017:** Factory submitted the design analysis report on 02-Jan-2017 to ACCORD and the report is under review. In addition, bracing was installed but it was found loose. After getting approval of the report, factory is required to install the bracing as per suggestion of the accepted report. In addition, the dying shed was found connected with adjacent another shed which belongs to another factory. Factory will consider the connection in their analysis. **On 02-April-2017:** This issue will be covered in DEA. After getting acceptance, factory is required to follow the recommendation of the accepted report. **On 17-Dec-2017:** DEA was accepted on 22th November 2017. During inspection, factory has started the structural alteration as per accepted DEA. All the remedial works are required to be completed within 10th January 2018. Factory management must complete all the remediation within given timeline. **On 16-Jul-2018:** Design adequacy has been checked as part of DEA which had accepted from ACCORD on 22-Nov-2017. As per DEA recommendation, retrofitting is required for the go down building and dyeing building. During inspection, retrofitting work of the go down building was found completed. 20% retrofitting work of dyeing building is yet to be completed. **On 09-Oct-2018:** This issue has been covered in DEA. DEA of building was accepted by ACCORD on 20th November 2017. Factory completed retrofitting works. During inspection, mismatch was found in between drawing and actual site condition. Opening has been made in floor slab by cutting sub-beam and deck slab at 2 storied ware house. Factory is required to construct as provided in drawing or submit revised design documents to ACCORD within 7 days of receiving the report. Gap was found at connection plate. All the connection plate is required to be re-checked and repaired which will be verified in next inspection. **On 29-May-2019:** Factory submitted revised documents of 2 storied steel building as per mismatch found in verification inspection. Revised documents got re-acceptance by Accord on 1st November 2018. During inspection, no discrepancy was found. **On 02-Jan-2020:** Corrected from previous issue. DEA has been accepted and factory has completed all retrofitting works in both buildings	Corrected	
11	Inconsistencies between Permit/Structural Drawings and constructed building. (Undocumented extension; Main building comprises 3 buildings; slab rebar runs through movement joint; column rebar; etc.).	Refer to Item 1 for 3-storey extension over package building.	Immediately	Corrected.	31-Dec-2016	**On 25/08/2015:** DEA report submitted to Accord. Under review **On 06/09/2016:** DEA got partially approval on 4th September, 2016 and retrofitting is required for packing section to factory building. So this issue will be corrected after the completion of retrofitting. **On 05-Feb-2017:** During verification, some discrepancy was found in as built drawing which was prepared as part of DEA. Factory is required to submit the corrected as built drawing to ACCORD with corrected DEA report. **On 02-April-2017:** DEA verification inspection was conducted by Accord on 05-Feb-2017. During verification inspection discrepancy were observed in DEA report. After that factory has submitted revised DEA as per DEA verification report and got re-acceptance from Accord. **On 17-Dec-2017:** Revised DEA was submitted and re-accepted from ACCORD. Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** This issue was corrected from previous follow-up inspection	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
12	Inconsistencies between Permit/Structural Drawings and constructed building. (Undocumented extension; Main building comprises 3 buildings; slab rebar runs through movement joint; column rebar; etc.).	Factory Engineer to survey the structure and prepare a full set of "as-constructed" drawings.	within 06 month	Corrected.	31-Dec-2016	On 25/08/2015: Updated as-build drawing shown to us. During verification we found that architectural drawing need some correction. They couldn't show us beam lay out plan. We advised them to revise these drawings and then resubmit On 06/09/2016: DEA got partially approval on 4th September, 2016 and retrofitting is required for packing section to factory building. So this issue will be corrected after the completion of retrofitting. On 05-Feb-2017: During verification, some discrepancy was found in as built drawing which was prepared as part of DEA. Factory is required to submit the corrected as built drawing to ACCORD with corrected DEA report. On 02-April-2017: DEA verification inspection was conducted by Accord on 05-Feb-2017. During verification inspection discrepancy were observed in DEA report. After that factory has submitted revised DEA as per DEA verification report and got re-acceptance from Accord. On 17-Dec-2017: A set of as-built drawing has been prepared. Issue was found corrected from previous follow up inspection. On 16-Jul-2018: Corrected from previous inspection. On 09-Oct-2018: This issue was corrected from previous inspection. On 29-May-2019: This issue is corrected in previous follow-up inspection. On 02-Jan-2020: Corrected from previous inspection.	Corrected	
13	Heavy loading in Main Building	Factory Engineer to investigate the loading from water tanks, 1st floor storage area and toilet floor build-up (and slabs over) and advise on any necessary alterations taking account of floor capacity and column capacity.	within 06 week	Corrected.	20-Mar-2016	On 25/08/2015: During inspection we found heavy loading on 4th & 5th floor. Water tank found on roof. Slab capacity will be checked in DEA. On 06/09/2016: Loading found below 1kpa except 4th floor packing zone of main building. 4 no's plastic water tank (1500 letter) found incorporated in load plan. DEA got partially approval on 4th September, 2016 but retrofitting is required for packing section to factory building. So this issue will be corrected after the completion of retrofitting. On 05-Feb-2017: Factory got partial DEA acceptance for the main building and this issue was covered in the report. But during verification, some discrepancy was found. Factory is required to submit the corrected DEA report to ACCORD. On 02-April-2017: Water tanks has been incorporated in as built drawings and considered in DEA report. On 17-Dec-2017: This issue was found corrected from previous follow up inspection. On 16-Jul-2018: Corrected from previous inspection. On 09-Oct-2018: This issue was corrected from previous inspection. Load plan was produced as part of DEA. Factory completed retrofitting works and posted final load plan. During inspection, Loading was found more than 42 psf. After that factory reduced loading and sent pictorial evidence which found satisfactory. On 29-May-2019: This issue is corrected in previous follow-up inspection. On 02-Jan-2020: Corrected from previous follow-up inspection.	Corrected	
14	Heavy loading in Main Building	Implement actions arising from investigation.	within 06 month	Corrected.	31-Dec-2016	On 25/08/2015: Strengthening work should be done after getting approval from Accord. On 06/09/2016: Loading found below 1kpa except 4th floor packing zone of main building. 4 no's plastic water tank (1500 letter) found incorporated in load plan. DEA got partially approval on 4th September, 2016 but retrofitting is required for packing section to factory building. So this issue will be corrected after the completion of retrofitting. On 05-Feb-2017: Factory got partial DEA acceptance for the main building. But during verification, some discrepancy was found. Factory is required to submit the corrected DEA report to ACCORD and implement the recommendation of accepted DEA. On 02-April-2017: Factory has been carried out Detail Engineering Assessment(DEA). DEA has been accepted by Accord. As per accepted DEA recommendation, factory has carried out strengthen works. So factory can follow final loading plan. Final loading plan was posted on floors. Loading was found as per approved load plan On 17-Dec-2017: Floor loading observed within the allowable limit. Issue was found corrected from previous follow up inspection. On 16-Jul-2018: Corrected from previous inspection. On 09-Oct-2018: This issue was corrected from previous inspection. Load plan was produced as part of DEA. Factory completed retrofitting works and posted final load plan. During inspection, Loading was found more than 42 psf. After that factory reduced loading and sent pictorial evidence which found satisfactory. On 29-May-2019: This issue is corrected in previous follow-up inspection. On 02-Jan-2020: Corrected from previous follow-up inspection. DEA has been accepted and factory has completed all retrofitting works in Main building	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
15	Check required for adequacy of existing splice and haunch connections in Raw Materials Godown Building.	Building Engineer to check the design and capacity of the splice connection details and make any necessary alterations.	within 06 week	Done.	10-Jan-2018	**On 25/08/2015:** Will cover in DEA **On 06/09/2016:** Still pending; Factory management will submit all other documents of steel structures as per requirement of initial inspection report within october,2016. **On 05-Feb-2017:** Factory submitted the design analysis report on 02-Jan-2017 to ACCORD and the report is under review. After getting approval of the report, this issue will be corrected. **On 02-April-2017:** This issue will be covered in DEA. After getting acceptance, factory is required to follow the recommendation of the accepted report. **On 17-Dec-2017:** DEA was accepted on 22th November 2017. During inspection, factory has started the structural alteration as per accepted DEA. All the remedial works are required to be completed within 10th January 2018. Factory management must complete all the remediation within given timeline. **On 16-Jul-2018:** Design adequacy has been checked as part of DEA which had accepted from ACCORD on 22-Nov-2017. As per DEA recommendation, retrofitting is required for the go down building and dyeing building. During inspection, retrofitting work of the go down building was found completed. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous follow-up inspection.	Corrected	
16	Lightweight structures to Ancillary Buildings, including Dining Area, Staff Accommodation, Chemical Storage and Boiler Room.	Building Engineer to check the design and capacity of the lightweight roof structures/connection details and make any necessary alterations.	within 06 week	Corrected.	31-Dec-2016	**On 25/08/2015:** They have removed ancillary buildings from that area and constructing one new steel shed. **On 06/09/2016:** Corrected in 1st follow up; found same in current. **On 05-Feb-2017:** Factory demolished all light weight ancillary structure building and built a new shed building. This issue is corrected as per previous inspection. **On 02-April-2017:** All ancillary lightweight structure was found demolished and built a new shed building. This issue was corrected in previous inspection. New shed is in new Accord Id. **On 17-Dec-2017:** Ancillary shed were demolished. Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. Aforementioned sheds were found demolished, a new structure was found in that place. **On 09-Oct-2018:** This issue was corrected from previous inspection. New boiler room has been constructed. During inspection, mismatch was found at boiler room. Referring to item-25 **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected in previous follow-up inspection. Ancillary structures were demolished & a new single storied shed was constructed which was owned by another factory.	Corrected	
17	Hairline cracking to soffit of beams and slabs to all levels form First Floor to Roof of Main Building	•Monitor cracks to beams and slab soffit. Factory Engineer to investigate if cracks are limited to the plastering.	within 06 month	Corrected.	20-Mar-2016	**On 25/08/2015:** I found few hairline cracks on various floors. Factory engineer should check the nature of cracks and attach repair method with DEA report. **On 06/09/2016:** Found incorrect; during inspection some hairline cracks observed in beam. No recommendation found in DEA report regarding this issue. **On 05-Feb-2017:** During inspection, several cracks were found on beams on every floors. Factory could not provide any document regarding crack investigation or crack repairing. Factory is required to submit the necessary documents to ACCORD **On 02-April-2017:** During inspection it was observed that factory repair several cracks and submitted necessary documents to ACCORD and factory engineer checked that the cracks were plaster crack not structural crack. **On 17-Dec-2017:** Cracks were found non-structural as per previous inspection. Cracks were repaired. Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. No crack was found on the beam of main building. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous inspection. Factory consultant provided a crack investigation report and declared the crack as non structural.	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
18	Hairline cracking to soffit of beams and slabs to all levels form First Floor to Roof of Main Building	•Factory Engineer to advise on load reduction and repair and strengthening of the slab if required.	within 06 month	Corrected.	20-Mar-2016	**On 25/08/2015:** Will cover in DEA **On 06/09/2016:** Found incorrect; during inspection some hairline cracks observed in beam. No recommendation found in DEA report regarding this issue. **On 05-Feb-2017:** During inspection, several cracks were found on beams on every floors. Factory could not provide any document regarding crack investigation or crack repairing. Factory is required to submit the necessary documents to ACCORD. In addition, load was found under the safe loading limit(20psf). Factory is also required to maintain the loading limit till the approval of investigation report. **On 02-April-2017:** During inspection it was observed that factory repair several cracks and submitted necessary documents to ACCORD and factory engineer checked that the cracks were plaster crack not structural crack. **On 17-Dec-2017:** Cracks were found non-structural as per previous inspection. Cracks were repaired. Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Factory consultant provided a crack investigation report and declared the crack as non structural therefore no repair is required.	Corrected	
19	Provide impact protection to central column supporting entrance plinth structure	Building Engineer to check if the column has been adequately designed for impact loading, and to ensure that adequate protection is provided.	within 06 week	Corrected.	31-Dec-2016	**On 25/08/2015:** They have installed barrier for the column to protect from impact. **On 06/09/2016**: Corrected in 1st follow up; found same in current. **On 05-Feb-2017:** This issue was corrected as per previous inspection. During retrofitting work, factory demolished the protector. Brief comments after inspection stated at new finding-2. Please see the item no. 23 **On 02-April-2017:** This issue was corrected in previous inspection. **On 17-Dec-2017:** This issue was found corrected from previous follow up inspection. **On 16-Jul-2018**: Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019**: This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous inspection.	Corrected	
20	External escape stair to Main Building (under construction) does not appear robust	Building Engineer to check the design of the external steel staircase and connection to existing building and make any necessary alterations.	within 06 week	Corrected.	31-Dec-2016	**On 25/08/2015:** External stair repaired as per consultant's advice. But they couldn't show us related drawing. We advised them to submit the drawing to Accord. **On 06/09/2016:** Found incorrect; During inspection external stair case found repaired but no documentation or design check found in DEA. **On 05-Feb-2017:** Factory submitted the design analysis report on 02-Jan-2017 to ACCORD and the report is under review. After getting approval of the report, this issue will be corrected. **On 02-April-2017**: This issue will be covered in DEA. After getting acceptance, factory is required to follow the recommendation of the accepted report. **On 17-Dec-2017:** As per accepted DEA, stair is required to be demolished. During inspection, demolishing works were not found starting yet. **On 16-Jul-2018:** The stair was found demolished. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** In place of old stair new stair was found constructed as per accepted DEA.	Corrected	
21	Steel structure in Chemical Store at risk of corrosive attack (Caustic Soda)	Engage Building Engineer to review storage location and ensure columns are protected from potential corrosive chemical attack.	within 06 month	Corrected.	31-Dec-2016	**On 25/08/2015**: Steel column corrosion checked and repaired **On 06/09/2016:** Corrected in 1st follow up; found same in current. **On 05-Feb-2017:** This issue is remain corrected as per previous inspection. **On 02-April-2017:** This issue was corrected in previous inspection. **On 17-Dec-2017:** This issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. Chemical storage has been demolished. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected in previous follow-up inspection. Ancillary structures were demolished & a new single storied shed was constructed which was owned by another factory.	Corrected	

Item No	Accord Observation	Accord Recommendation	Accord Timeline	Final Action Plan	Final Timeline(dd-mmm-yyyy)	Comments after Physical Inspection	Progress Status	Pictorial Evidence
22	New findings-1: Missing Bolts to Primary Structural Steelwork in Raw Materials Godown Building.	Building Engineer to ensure correct connection detail is designed, fabricated and installed on site.	within 2weeks	Corrected.	21-Feb-2017	**On 05-Feb-2017:** During inspection, some bolts were found still missing. Factory is required to fill the gap with appropriate bolts as per suggestion of engineer. **On 02-April-2017:** During inspection, bolts were found fixed **On 17-Dec-2017:** This issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. Connections were found to be adequate. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous inspection. Missing bolts are installed.	Corrected	
23	New findings-2: Provide impact protection to central column supporting entrance plinth structure	Building Engineer to check if the column has been adequately designed for impact loading, and to ensure that adequate protection is provided	within 2weeks	Corrected.	21-Feb-2017	**On 05-Feb-2017:** Vehicle protection was found remove due to retrofitting work. Factory is required to install the protection around the entrance columns as early as possible. **On 02-April-2017:** Vehicle protection was found. This issue was found corrected. **On 17-Dec-2017:** Impact Protection has been provided to central column. Issue was found corrected from previous follow up inspection. **On 16-Jul-2018:** Corrected from previous inspection. **On 09-Oct-2018:** This issue was corrected from previous inspection. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous inspection.	Corrected	
24	New findings-3: Column Stress Levels, with particular reference to column beneath 3 storey vertical extension to Packing Section of Main Building.	Continue to implement loading plan.	(within 6 – weeks)	Corrected.	30-Aug-2018	**On 16-Jul-2018:** No load plan was observed during inspection. Load restriction height marking was not found. Uncontrolled loading was observed in the 4th floor of main building, indicating load management plan questionable. **On 09-Oct-2018:** This issue was corrected from previous inspection. Load plan was produced as part of DEA. Factory completed retrofitting works and posted final load plan. During inspection, Loading was found more than 42 psf. After that factory reduced loading and sent pictorial evidence which found satisfactory. **On 29-May-2019:** This issue is corrected in previous follow-up inspection. **On 02-Jan-2020:** Corrected from previous follow-up inspection. During inspection accepted load plan was found posted at every floor and load was found below the allowable limit (42 psf).	Corrected	
25	New finding-4: Mismatch was found in between construction drawing and actual site condition for boiler room.	Factory engineer is required to update drawing and revise FEM model. Also suggest remediation plan if required.	(within 6 – weeks)	Corrected.	20-Nov-2018	**On 09-Oct-2018:** Mismatch was found in between construction drawing and actual site condition for boiler room. Tie beam was found missing in actual site condition which has been shown in drawing. Factory engineer is required to update drawing and revise FEM model. Revised documents is required to submit to ACCORD with in 7 days from receiving the report. Factory will follow the recommendation of remedial works if required. **On 29-May-2019:** Factory submitted revised documents of Boiler room as per mismatch found in verification inspection. Revised documents got re-acceptance by Accord on 1st November 2018. During inspection, no discrepancy was found. **On 02-Jan-2020:** Corrected from previous inspection.	Corrected