

Date

29-Jan-2017

## STRUCTURAL &amp; BUILDING SAFETY

**Bangladesh Accord Remediation Summary of Actions Required**

<b>Factory Name &amp; Address</b>	Robintex (Bangladesh) Ltd., Vulta, Rupgonj, Narayanganj, Dhaka
<b>Date of Inspection by Accord</b>	15-Apr-2014
<b>Accord Rating</b>	
<b>Finance Plan Agreed</b>	Yes

Item No	Accord Inspection Observation	Accord Action Plan	Final Action Plan	Final Timeline	Comments from Accord	Accord Timeline	Progress Status
1	Columns appear to be stressed in excess of normal design limits and require immediate review.	. Factory Engineer to review design, loads and clomun stresses in all columns.	Document submitted to Accord	24/07/2014	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015. ON 17/04/2016 : Factory got acceptance on 18 Oct 2015. During DEA verification no mismatch was found. ON 12/01/2017: Factory has done DEA which was accepted by ACCORD on 18-Oct-2015.	Priority 1 Immidiata	Corrected

2	Columns appear to be stressed in excess of normal design limits and require immediate review.	Verify insitu concrete strength either by 100mm diameter cores or existing cylinder strength data for cores from 4 columns. verify grade of steel reinforcement used.	75mm dia Core compressive strength test reports already in our Hand, Some sample test reports are best level & rest other test reports are not desires level. However we are collecting additional 75mm dia Core from different Column for further investigati	24/07/2014	ON 20/03/2016 : Concrete cores have taken and core tests have done. Original core test reports and rebar test reports have observed during	Priority 1 Immidiatae	Corrected
3	Columns appear to be stressed in excess of normal design limits and require immediate review.	A detail Engineering assessment of Building 1 to be commenced, see attached scope.	DEA approved by ACCORD on dated 18/10/2015	18/10/2015	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015. ON 17/04/2016 :Factory got acceptance on 18 Oct 2015. During DEA verification no mismatch was found. ON 12/01/2017: Factory has done	Priority 1 Immidiatae	Corrected
4	Columns appear to be stressed in excess of normal design limits and require immediate review.	. Detail Engineering assessment to be completed.	Over stress column findout and recover by min. load management (2kn/sqm) included in DEA on 21/06/2015	21/06/2015	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015	Priority 2 (Within 6-weeks)	Corrected
5	Columns appear to be stressed in excess of normal design limits and require immediate review.	Produce and actively manage a loading plan for all floor plates within the factory giving consideration to floor capacity and column capacity.	Over stress column findout and recover by min. load management (2kn/sqm) included in DEA on 21/06/2015	01/04/2016	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015	Priority 2 (Within 6-weeks)	Corrected

6	Columns appear to be stressed in excess of normal design limits and require immediate review.	. Continue to implement load plan.	Maintaining the Load management as per DEA.	01/04/2016	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015. Load plan has posted on floors and load was maintain by factory engineers and management. Loading was found within allowable final load plan. This issue requires to be finalized through DEA verification inspection. Factory requires to maintain final load plan. Previous timeline was 21-Jun-2015. ON 17/04/2016 :During DEA	Priority 3 (Within 6-months)	Corrected
7	Management of floor loads & water tank loads at floor level.	. Produce and actively manage a loading plan for all floor plates and the roof within the factory giving consideration to floor capacity and column capacity. (Refer to Item 1)	Load plan Completed as per Column Capacity and maintaining the Load on dated 21/06/2015	01/04/2016	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015. Load	Priority 2 (Within 6-weeks)	Corrected
8	Management of floor loads & water tank loads at floor level.	. Continue to implement load plan. (Refer to Item 1)	Continue to implement the Loading	01/04/2016	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015. Load	Priority 3 (Within 6-months)	Corrected

9	Columns within the 3 storey area of the Robintex Textile factory appear to be stressed in excess of normal design limits.	Building Engineer to review design, loads and column stresses in area indentified above.	DEA approved by ACCORD on dated 18/10/2015	18/10/2015	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015. ON 17/04/2016 :Factory got acceptance on 18 Oct 2015. During DEA verification no mismatch was found. ON 12/01/2017: Factory has done DEA which was accepted by ACCORD on 18-Oct-2015.	Priority 2 (within 6- Corrected weeks)
10	Columns within the 3 storey area of the Robintex Textile factory appear to be stressed in excess of normal design limits.	.Verify insitu concreete strength either by 100mm diameter cores or existing cylinder strength data for cores from 4 columns.	Done on dated 21/06/2015	21/06/2015	ON 20/03/2016 : Concrete cores have taken and core tests have done. Original core test reports	Priority 2 (within 6- Corrected weeks)
11	Columns within the 3 storey area of the Robintex Textile factory appear to be stressed in excess of normal design limits.	. Produce and actively manage a loading plan for all floor plates within the factory giving consideration to floor capacity and column capacity	Over stress column findout and recover by min. load management (2kn/sqm) included in DEA on 21/06/2015	01/04/2016	ON 20/03/2016 : Factory has completed DEA report. DEA got acceptance from ACCORD on 18-Oct-2015. Load	Priority 3 (Within 6- Corrected 6-months)

12	Missing structural drawings and discrepancies between drawings provided and the as constructed building.	Commence survey of as constructed building.	Corrected within final timeline date 24/07/2014	01/04/2016	ON 20/03/2016 : This issue requires to cover in DEA report and requires to be finalized through DEA verification inspection. Factory has completed DEA report and DEA got acceptance from ACCORD on 18-Oct-2015. Some discrepancies have found on architectural drawings. Factory requires to follow final floor plan layout and architectural drawing layout. Previous timeline was 24-Jul-2014. ON 17/04/2016	Priority 2 (within 6- weeks) Corrected
13	Missing structural drawings and discrepancies between drawings provided and the as constructed building.	Building Engineer to complete survey as constructed building. Updated drawings to be prepared showing the correct as constructed layout.	Corrected within final timeline date 24/07/2014	24/07/2014	ON 20/03/2016 : This issue requires to cover in DEA report and requires to be finalized through DEA verification	Priority 3 (Within 6-months) Corrected

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Missing structural drawings and discrepancies between drawings provided and the as constructed building.

Prepare/update calculations showing the structural adequacy of the building structure taking into account the factory design imposed loading and the as built structure.

DEA approved by ACCORD on 18/10/2015

18/10/2015

ON 20/03/2016 : Priority 3 (Within 6-months) Corrected  
This issue requires to cover in DEA report and requires to be finalized through DEA verification inspection. Factory has completed DEA report and DEA got acceptance from ACCORD on 18-Oct-2015. Some discrepancies have found on architectural drawings. Factory requires to follow final floor plan layout and architectural drawing layout. Previous timeline was 24-Jul-2014. ON 17/04/2016

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Missing structural drawings and discrepancies between drawings provided and the as constructed building.

Prepare controlled loading plans for all floors designating allowable storage density and where storage may be placed.

Maintaining the Load management as per DEA on 21/06/2015

21/06/2015

ON 20/03/2016 : Priority 3 (Within 6-months) Corrected  
This issue requires to cover in DEA report and requires to be finalized through DEA verification inspection. Factory has completed DEA report and DEA got acceptance from ACCORD on 18-Oct-2015. Some discrepancies have found on architectural drawings like antenna at roof. Factory requires to follow final floor plan layout and architectural