



গণপ্রজাতন্ত্রী বাংলাদেশ সরকার  
শ্রম ও কর্মসংস্থান মন্ত্রণালয়  
কলকারখানা ও প্রতিষ্ঠান পরিদর্শন অধিদপ্তর

"সুস্থ শ্রমিক, শোভন কর্মপরিবেশ;  
গড়ে তুলবে স্মার্ট বাংলাদেশ"

ক্যাপ পর্যবেক্ষণের তথ্য

|   |  |
|---|--|
| কারখানার নাম  | এয়াপারেল ইন্ডাস্ট্রি লিঃ                                |
| ঠিকানা  | House # 82 (3Rd Floor), New Air Port Road, Banani, Dhaka |
| কারখানার কোড  | DHK057   |
| কালার কোড   |  |
| মূল্যায়নের ধরণ: <a href="#">কাঠামোগত মূল্যায়ন</a> | পর্যবেক্ষণের তারিখ: ০৫-০৪-২০২৩                           |
| ১. পর্যবেক্ষণ                                       |  |

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|---------------------------|-----------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Floor Load Plan |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                 |

### ১.১. কার্যক্রম

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| কার্যক্রম              | The factory owner has been instructed to prepare and submit a load plan for vetting. Once it is submitted by the factory owner, it will be duly vetted. The factory owner should arrange displaying the approved load plan for each floor on the wall in a visible location and shall adhere to it.  |
| সুপারিশের<br>তথ্যসূত্র |  |
| কারখানার<br>কার্যক্রম  | We have taken initiative to conduct the DEA report and submitted to DIFE office within the given timeline for review. DEA report was prepared by Human Properties.   |
| অগ্রাধিকার             | প্রয়োজ্য নয়  |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭   |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০   |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি   |
| মন্তব্য                | 06/07/2020: Just DEA report was submitted on 08/11/2017 to DIFE without any drawings and soft copy & on 29th taskforce meeting decision on 26/06/2018, the factory management were told to re-submit proper DEA with all drawings & designs along with soft copy within one month. But those reviews were not submitted by the factory management or the consulting firm. Now the factory management are instructed to consult at RCC office about these reviews and re-submit them properly to RCC DIFE within 31/07/2020. 02/11/2020: Not updated anything after last visit. The factory management is willing to shift the factory to their own newly constructing building to Kaliakoir, Gazipur. That's why the structural works are being delayed. Now the final timeline to submit all design & drawings to DIFE RCC by an enlisted firm of DIFE is 15/12/2020. 02.06.2021 Visit observation: Floor load plan has not been found on the factory. The factory management is willing to shift the factory to their own newly constructing building to Kaliakoir, Gazipur. That's why the structural works are being delayed. 11/08/2021: The factory has not submitted its floor load plan to DIFE yet. 21/08/2022: Load plan was not found during inspection date. DEA report should be prepared and resubmitted to DIFE as soon as possible. 05/04/2023: Load plan was not found during inspection date. DEA report should be prepared and resubmitted to DIFE as soon as possible. |

### ২. পর্যবেক্ষণ

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|---------------------------|-----------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Irregularity of Structural System |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                   |

### ২.১. কার্যক্রম

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| কার্যক্রম              | Because of irregularity of structural system, it is recommended to have a detail engineering assessment (DEA) of the structure.  |
| সুপারিশের<br>তথ্যসূত্র |  |
| কারখানার<br>কার্যক্রম  | We have taken initiative to conduct the DEA report and submitted to DIFE office within the given timeline for review. DEA report was prepared by Human Properties.   |
| অগ্রাধিকার             | প্রয়োজ্য নয়  |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭   |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০   |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি   |
| মন্তব্য                | 02/11/2020: Not updated anything after last visit. The factory management is willing to shift the factory to their own newly constructing building to Kaliakoir, Gazipur. That's why the structural works are being delayed. Now the final timeline to submit all design & drawings to DIFE RCC by an enlisted firm of DIFE is 15/12/2020. 02.06.2021 Visit observation: This issue is covered by DEA. The factory management is willing to shift the factory to their own newly constructing building to Kaliakoir, Gazipur. That's why the structural works are being delayed. 11/08/2021 : This issue is covered by DEA. The factory is delaying to submit its all design & drawings to DIFE. They have lack of interest to complete structural remediation work. 21/08/2022: DEA report should be prepared and resubmitted to DIFE as soon as possible. 05/04/2023: DEA report should be prepared and resubmitted to DIFE as soon as possible. |

### ৩. পর্যবেক্ষণ

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|---------------------------|-------------------|
| পরিদর্শন<br>পর্ববেষ্টিত   | As-built Drawings |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                   |

### ৩.১. কার্যক্রম

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|------------------------|---|
| কার্যক্রম              | As built Architectural and structural drawings of the different structural elements, foundation details to be prepared for the building. As part of this process building engineer will be required to make a number of checks on the as-built construction.  |
| সুপারিশের<br>তথ্যসূত্র |   |
| কারখানার<br>কার্যক্রম  | we are preparing As-built architectural and structural drawings of different structural elements will be prepared as part of DEA.   |
| অগ্রাধিকার             | প্রয়োজ্য নয়   |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭  |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০  |
| অগ্রগতির<br>অবস্থা     | চলমান   |
| মন্তব্য                | 06/07/2020: Just DEA report was submitted on 08/11/2017 to DIFE without any drawings and soft copy & on 29th taskforce meeting decision on 26/06/2018, the factory management were told to re-submit proper DEA with all drawings & designs along with soft copy within one month. But those reviews were not submitted by the factory management or the consulting firm. Now the factory management are instructed to consult at RCC office about these reviews and re-submit them properly to RCC DIFE within 31/07/2020. 02/11/2020: Not updated anything after last visit. The factory management is willing to shift the factory to their own newly constructing building to Kaliakoir, Gazipur. That's why the structural works are being delayed. Now the final timeline to submit all design & drawings to DIFE RCC by an enlisted firm of DIFE is 15/12/2020. 02.06.2021 Visit observation: As built Drawings has not been found on visit date in the factory. 11/08/2021 : This issue is covered by DEA. The factory is delaying to submit its all design & drawings to DIFE. They have lack of interest to complete structural remediation work. 21/08/2022: DEA report should be prepared and resubmitted to DIFE as soon as possible. 05/04/2023: DEA report should be prepared and resubmitted to DIFE as soon as possible. |

### ৪. পর্ববেষ্টিত

|                           |        |
|---------------------------|--------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Coring |
| কাপ<br>আইটেম<br>ক্যাটাগরি |        |

#### ৪.১. কার্যক্রম

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|------------------------|---|
| কার্যক্রম              | Coring with 4 nos. 4 in. cores ( 3 in. when taken from column ) for the building and scanning of rebars in the GF.  |
| সুপারিশের<br>তথ্যসূত্র |   |
| কারখানার<br>কার্যক্রম  | We preparing 4 nos. cores tests to determine the existing strength of concrete. It is a part of DEA.  |
| অগ্রাধিকার             | প্রযোজ্য নয়  |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭  |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০  |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি  |
| মন্তব্য                | 02/11/2020: Not updated anything after last visit. The factory management is willing to shift the factory to their own newly constructing building to Kaliakoir, Gazipur. That's why the structural works are being delayed. Now the final timeline to submit all design & drawings to DIFE RCC by an enlisted firm of DIFE is 15/12/2020. 02.06.2021 Visit observation: Core cutting has been found on column but not core cutting report has been found on the factory. 11/08/2021 : Core cutting has been found on column but not core cutting report has been found on the factory. 21/08/2022: No core test report was found during inspection date. 05/04/2022: No core test report was found during inspection date. |

#### ৫. পর্যবেক্ষণ

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|---------------------------|---------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Structural Analysis |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                     |

#### ৫.১. কার্যক্রম

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|------------------------|--|
| কার্যক্রম              | Structural analysis to ascertain safety of the structure and recommending remedial measures if required.   |
| সুপারিশের<br>তথ্যসূত্র |  |
| কারখানার<br>কার্যক্রম  | We have taken initiative to conduct the DEA report and submitted to DIFE office within the given timeline for review. DEA report was prepared by Human Properties.   |
| অগ্রাধিকার             | প্রয়োজ্য নয়  |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭   |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০   |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি   |
| মন্তব্য                | 02/11/2020: Not updated anything after last visit. The factory management is willing to shift the factory to their own newly constructing building to Kaliakoir, Gazipur. That's why the structural works are being delayed. Now the final timeline to submit all design & drawings to DIFE RCC by an enlisted firm of DIFE is 15/12/2020. 02.06.2021 Visit observation: This issue is covered by DEA. The factory management is willing to shift the factory to their own newly constructing building to Kaliakoir, Gazipur. That's why the structural works are being delayed. 11/08/2021 : This issue is covered by DEA. The factory is delaying to submit its all design & drawings to DIFE. They have lack of interest to complete structural remediation work. 21/08/2022: DEA report should be prepared and resubmitted to DIFE as soon as possible. 05/04/2022: DEA report should be prepared and resubmitted to DIFE as soon as possible. |

#### ৬. পর্যবেক্ষণ

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|---------------------------|-----------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Undocumented large size signboard |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                   |

#### ৬.১. কার্যক্রম

|                        |   |
|------------------------|---|
| কার্যক্রম              | There are two undocumented large size signboard along front façade of the building and a small communication tower on roof. These must be removed immediately, unless through a detail calculation it is proved to be harmless to the structure.  |
| সুপারিশের<br>তথ্যসূত্র |   |
| কারখানার<br>কার্যক্রম  | All signboard and communication tower have been removed from existing building.   |
| অগ্রাধিকার             | অবিলম্বে  |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭  |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০  |
| অগ্রগতির<br>অবস্থা     | সংশোধিত   |
| মন্তব্য                | 03/02/2020: All signboard and communication tower have been removed.<br>06/07/2020: No large size signboard found on the visiting date. 02/11/2020: No large size signboard found on the visiting date. 02.06.2021 Visit observation: There were no large size signboard found on hanging in the building on visit date.<br>11/08/2021: No large size signboard found on the visiting date. 21/08/2022: No large size signboard was found during inspection date. 05/04/2022: No large size signboard was found during inspection date. |

#### সংযুক্তিসমূহ (২)



#### ৭. পর্যবেক্ষণ

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|---------------------------|----------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Vertical or horizontal Extension |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                  |

#### ৭.১. কার্যক্রম

|                        |   |
|------------------------|---|
| কার্যক্রম              | No horizontal or vertical extension of the building shall be made without detail engineering assessment.  |
| সুপারিশের<br>তথ্যসূত্র |   |
| কারখানার<br>কার্যক্রম  | No horizontal or vertical extension have been taken place after the preliminary assessment.   |
| অগ্রাধিকার             | অবিলম্বে  |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭  |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০  |
| অগ্রগতির<br>অবস্থা     | সংশোধিত   |
| মন্তব্য                | 03/02/2020: No horizontal or vertical extension is found. 06/07/2020: No horizontal or vertical extension found on the visiting date. 02/11/2020: No horizontal or vertical extension found on the visiting date. 02.06.2021 Visit observation: No horizontal or vertical extension found on the visiting date. 11/08/2021: No horizontal or vertical extension is found. 21/08/2022: No Horizontal and Vertical Extension was found during inspection date. 05/04/2022: No Horizontal and Vertical Extension was found during inspection date. |

#### সংযুক্তিসমূহ (২)





|                           |                  |
|---------------------------|------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Cracks on column |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                  |

### ৮.১. কার্যক্রম

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| কার্যক্রম              | Because of presence of wide crack in one of the columns of the 3rd floor, it is considered that the continuing use of the building could be hazardous. The users have been advised to repair the column immediately. The other defects of the building have to be repaired.  |
| সুপারিশের<br>তথ্যসূত্র |  |
| কারখানার<br>কার্যক্রম  | The column was checked opening plaster to identify the nature of crack and was found no structural crack. After investigation the plaster has been repaired.   |
| অগ্রাধিকার             | অবিলম্বে   |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭   |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০   |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি   |
| মন্তব্য                | 06/07/2020: Cracks found on several floors column, they could be came from overloading. The factory management should repair these cracks as per engineer's recommendation according to DEA & maintain load plan properly. 02/11/2020: Same as previous. Not updated after last visit. Cracks found on several floors column, they could be came from overloading. The factory management should repair these cracks as per engineer's recommendation according to DEA & maintain load plan properly. 02.06.2021 Visit observation: Cracks found on several floors column. The factory management should repair these cracks as per engineer's recommendation according to DEA & maintain load plan properly. 11.08.2021: Cracks found in primary structural elements on several floors. The factory management should repair these cracks as per engineer's recommendation according to DEA & maintain load plan properly. 21/08/2022: Cracks was found in primary structural elements on several floors during inspection date. 05/04/2022:Cracks was found in primary structural elements on several floors during inspection date. |

### সংযুক্তিসমূহ ( ৪ )



## ৯. পর্যবেক্ষণ

|                             |                           |
|-----------------------------|---------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Un-Authorised Upper floor |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                           |

### ৯.১. কার্যক্রম

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|------------------------|--|
| কার্যক্রম              | The un-authorized upper floors of the building should be dismantled immediately under the guidance of regulatory authority.  |
| সুপারিশের<br>তথ্যসূত্র |  |
| কারখানার<br>কার্যক্রম  | The un-authorized upper floors have been dismantled under the guidance of licensed engineers using proper props & retrofication.   |
| অগ্রাধিকার             | অবিলম্বে   |
| চূড়ান্ত<br>সময়সীমা   | ০৪-১২-২০১৭   |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০   |
| অগ্রগতির<br>অবস্থা     | সংশোধিত  |
| মন্তব্য                | 06/07/2020: Two un-authorized floors has been removed on 2016 & the building is now 6 storied. 02/11/2020: Two un-authorized floors has been removed on 2016 & the building is now 6 storied. 02.06.2021 Visit observation: Two un-authorized floors has been removed on 2016 & the building is now 6 storied. 11.08.2021: Two un-authorized floors has been removed on 2016 & the building is now 6 storied. 21/08/2022: No Un-authorized Upper floor was found during inspection date. 05/04/2022:No Un-authorized Upper floor was found during inspection date. |

### সংযুক্তিসমূহ (২)

