



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 | আর্থি এম্পায়েলস লিমিটেড                     |
| ঠিকানা       | 121/285, BADC Road, West Khulshi, Chattogram |
| কারখানার কোড | CHT012                                       |
| কালার কোড    |                                              |

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|-----------------------------------------|-----------------------|
| মূল্যায়নের ধরন: <b>অগ্নি মূল্যায়ন</b> | পর্যবেক্ষণের তারিখ: - |
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১. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ      | Conductivity & record of fire drill |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                     |

১.১. কার্যক্রম

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| কার্যক্রম              | Ensure adequate numbers of fire drills under the Fire Safety Plan.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| অগ্রাধিকার             | প্রযোজ্য নয়                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| মন্তব্য                | 09-09-2019 (CVV-1): Fire drill is conducted but proper documents are not available. Only two times fire drill has been conducted till the last visit (09/09/2019). 05-03-2020 (CVV-2): Fire drill has not been conducted yet. No documents are found during the visit. As discussed with factory concern persons, fire drill will be conducted within this quarter. 22-10-2020 (CVV-3): Fire drill has not been conducted yet. No documents are found during the visit. As discussed with factory concern persons, fire drill will be conducted within this quarter. 17-01-2021: No such documents found during visit. |

২. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ      | Testing and record of fire-fighting equipment |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                               |

| ২.১. কার্যক্রম         |                                                                                                                                                                                                                                                                                                                                                     |
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| কার্যক্রম              | All the firefighting equipment need to be tested with proper documents.                                                                                                                                                                                                                                                                             |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                     |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                     |
| অগ্রাধিকার             | প্রযোজ্য নয়                                                                                                                                                                                                                                                                                                                                        |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                   |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০                                                                                                                                                                                                                                                                                                                                          |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                          |
| মন্তব্য                | 09-09-2019 (CVV-1): No testing documents and records of fire-fighting equipment's are found during the visit. 05-03-2020 (CVV-2): Testing documents and records of fire-fighting equipment's have not been maintained yet. 22-10-2020 (CVV-3): Testing documents and records of fire-fighting equipment's have not been maintained yet. 17-01-2021: |

### ৩. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ    | Management of combustibles in storage area |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                            |

### ৩.১. কার্যক্রম

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| কার্যক্রম              | Combustibles are to be managed with good housekeeping. Storage facilities with no air-conditioning duct shall be minimum 2.9 m and when used as a storage facility there shall be a minimum clearance of one third the floor height from the ceiling to the top of the storage stack.                                                                                                                                                                                                                           |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| অগ্রাধিকার             | প্রযোজ্য নয়                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| মন্তব্য                | 09-09-2019 (CVV-1): Management of combustibles in storage area on 1st and 3rd floor are not as per standard.. 05-03-2020 (CVV-2): Management of combustibles in storage area on 1st and 3rd floor are not as per standard. Clearance of one third the floor height from the ceiling to the top of the storage stack has not been found. 22-10-2020 (CVV-3): Management of combustibles in storage area on 1st and 3rd floor are not as per standard. 17-01-2021: Combustible materials are not well maintained. |

### 8. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ    | Visibility and uniformity of exit signs |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                         |

#### ৪.১. কার্যক্রম

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| কার্যক্রম              | All required means of exit or exit access in buildings or areas requiring more than one exit shall be signposted. The signs shall be clearly visible at all times, where necessary supplemented by directional signs.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| অগ্রাধিকার             | প্রযোজ্য নয়                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| অগ্রগতির<br>অবস্থা     | চলমান                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| মন্তব্য                | 09-09-2019 (CVV-1): Illuminated exit signs are provided only with the exits at 2nd and 3rd floor. Others exits are found without exit signs or found damaged.<br>05-03-2020 (CVV-2): Exit sign has not been installed yet in exit-1 and found without any illumination in exit-2 at first floor. Illumination level has been found only 37.4 lux in exit-2 at 3rd floor which is less than required. Directional signs have not been available during the visit in any of the floor.<br>22-10-2020 (CVV-3): Exit sign has not been installed yet in exit-1 and found without any illumination in exit-2 at first floor. Illumination level has been found only 37.4 lux in exit-2 at 3rd floor which is less than required.<br>17-01-2021: The exit signs are lack of illumination. |

#### ৫. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ      | Availability of As Built Drawing with machine layout & escape route |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                     |

#### ৫.১. কার্যক্রম

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| কার্যক্রম              | Factory needs to prepare as built drawing with floor machine layout showing means of escape with proper dimension.                                                                                                                                                                                                                                 |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                    |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                    |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                                           |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                  |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                                         |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                         |
| মন্তব্য                | 09-09-2019 (CVV-1): As built drawing with machine layout & escape route is not found during the visit. 05-03-2020 (CVV-2): As built drawing with machine layout & escape route has not been prepared yet. 22-10-2020 (CVV-3): As built drawing with machine layout & escape route has not been prepared yet. 17-01-2021: No such documents found . |

#### ৬. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ      | Fire safety training obtained from BGMEA or Fire service & Civil Defense or Others |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                                    |

#### ৬.১. কার্যক্রম

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| কার্যক্রম              | Fire manager/Director need to have safety training from proper authority & worker of the factory should as far as possible be trained for use fire extinguisher.                                                                                                                                                                                                                                                                                                                                                                   |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| মন্তব্য                | 09-09-2019 (CVV-1): Factory has not arranged any fire safety training for existing workers of the factory from BGMEA or Fire Service Civil Defense. Training documents are not found during the visit. 05-03-2020 (CVV-2): Factory has not arranged any fire safety training for existing workers of the factory from BGMEA or Fire Service Civil Defense yet. 22-10-2020 (CVV-3): Factory has not arranged any fire safety training for existing workers of the factory from BGMEA or Fire Service Civil Defense yet. 17-01-2021: |

#### ৭. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ      | Type of exit doors |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                    |

#### ৭.১. কার্যক্রম

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| কার্যক্রম              | All the exit doors need to be replaced by side swinging so that un-lockable doors can be opened easily in the direction of evacuation without the use of a key.                                                                                                                                                                                                                                                                                                                                        |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| মন্তব্য                | 09-09-2019 (CVV-1): Collapsible non-rated steel doors with locking features are found in both of the exits at all floor with exit stairs. 05-03-2020 (CVV-2): Collapsible non-rated steel doors with locking features have been found in both of the exits at all floors of exit stairs. 22-10-2020 (CVV-3): Collapsible non-rated steel doors with locking features have been found in both of the exits at all floors of exit stairs. 17-01-2021: They have not replaced their collapsible door yet. |

#### ৮. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ      | Handrail on both sides of stairways |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                     |

#### ৮.১. কার্যক্রম

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| কার্যক্রম              | Factory needs to provide handrail on both sides of stairways as per the requirements of NTPA guideline as well as BNBC 2006.                                                                                                                                                                                                                                                                            |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                         |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                         |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                                                                                                |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                       |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                                                                                              |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                              |
| মন্তব্য                | 09-09-2019 (CVV-1): Both sides handrails with standard height are not found on both of the stairs. 05-03-2020 (CVV-2): Both sides handrails with standard height have not been provided on both of the stairs. 22-10-2020 (CVV-3): Both sides handrails with standard height have not been provided on both of the stairs. 17-01-2021: They have not provide both sides handrails with standard height. |

## ৯. পর্যবেক্ষণ

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| পরিদর্শন<br>পর্যবেক্ষণ      | Adequacy of illuminated emergency light in floors and escape routes |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                     |

### ৯.১. কার্যক্রম

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| কার্যক্রম              | Factory needs to be installed with adequate illuminated emergency lighting in floors, exits & stairs. ( Escape route ).                                                                                                                                                                                                                  |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                          |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                          |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                                 |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                        |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                               |
| অগ্রগতির<br>অবস্থা     | চলমান                                                                                                                                                                                                                                                                                                                                    |
| মন্তব্য                | 09-09-2019 ( CVV-1 ) : Emergency lights are inadequate in floors, exits, aisles and stairs. 05-03-2020 ( CVV-2 ) : Emergency lights have been found inadequate in floors, exits, aisles, stairs and also not installed through the emergency exit route. 17-01-2021:Emergency lights are inadequate in floors, exits, aisles and stairs. |

## ১০. পর্যবেক্ষণ



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| পরিদর্শন<br>পর্যবেক্ষণ      | Emergency backup power for critical fire safety system (signage, fire alarm and detection system, emergency lighting, AFD and Alarm systems etc.) |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                                                                                                   |

#### ১০.১. কার্যক্রম

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| কার্যক্রম              | Emergency back-up power needs to be connected for critical fire safety system and not less than 30 minutes in case of failure of power supply.                                                                                                                                                                                                                                                                                                                                                                                 |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| অগ্রগতির<br>অবস্থা     | চলমান                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| মন্তব্য                | 09-09-2019 (CVV-1): An IPS is only used for backup power of critical safety system like exit signs and emergency lighting. 05-03-2020 (CVV-2): An IPS is being used for backup power of critical fire safety system like exit signs and emergency lighting but no documents have been found to verify the adequacy of that IPS. 22-10-2020 (CVV-3): An IPS is only used for backup power of critical safety system like exit signs and emergency lighting. 17-01-2021: They have one ips which is not enough for this factory. |

#### ১১. পর্যবেক্ষণ

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|-----------------------------|------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Availability of fire department pre-plan |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                          |

#### ১১.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                          |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Factory needs to have a proper pre-plan for fire department.                                                                                                                                                                             |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                          |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                          |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                    |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                        |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                               |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                               |
| মন্তব্য                | 09-09-2019 (CVV-1): Fire department pre-plan is not done yet. 05-03-2020 (CVV-2): Fire department pre-plan has not been prepared yet. 22-10-2020 (CVV-3): Fire department pre-plan is not done yet. 17-01-2021: No such documents found. |

## ১২. পর্যবেক্ষণ

|                             |                                      |
|-----------------------------|--------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Fire separation of final exit routes |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                      |

### ১২.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Final exit route-2 (Stair-2 route) need to be protected (2 hours rated construction with 1.5 hours rated door) at each floor level entrance and need to be protected from generator at ground floor by 4 hours rated construction with 2 hours rated door/opening, also need to have a protected escape route till to reach safe refuse area.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| মন্তব্য                | 09-09-2019 (CVV-1): Collapsible non-rated steel doors are found in both of the exits at all floor with exit stairs. Final exit route-2 is not protected by fire rated construction and opening protective from generator room and godown at ground floor. 05-03-2020 (CVV-2): Collapsible non-rated steel doors have not been replaced yet by fire rated doors in both of the exits at all floor with exit stairs. Final exit route-2 leading from stair-2 has not been protected by fire rated construction and opening protective from generator room and godown at ground floor. Final exit route-1 leading from stair-1 has not been protected but fire rated construction and opening protective from ground floor storage area and generator room. 22-10-2020 (CVV-3): Collapsible non-rated steel doors have not been replaced yet by fire rated doors in both of the exits at all floor with exit stairs. 17-01-2021: They have not fire separated of final exit routes. |

## ১৩. পর্যবেক্ষণ

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Proper fire separation of child care within safe location |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                           |

#### ১৩.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Child care room is needed to be separated from other occupancies with 3 hours fire rated construction with 3 hours fire rated door.                                                                                                                                                                                                                                                                                                                                                                             |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| অগ্রগতির<br>অবস্থা     | সংশোধিত                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| মন্তব্য                | 09-09-2019 (CVV-1): Childcare located at 3rd floor and not separated by fire rated construction and opening protective from production areas and maintenance office. 05-03-2020 (CVV-2): Child care has been removed from 3rd floor and from factory as well. This room is being used now as an office room. 22-10-2020 (CVV-3): Child care has been removed from 3rd floor and from factory as well. This room is being used now as an office room. 17-01-2021: They removed child care room from third floor. |

#### ১৪. পর্যবেক্ষণ

|                           |                                 |
|---------------------------|---------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Fire separation of storage area |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                 |

#### ১৪.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Storage area need to be protected with 2 hours rated construction and 1.5 hours rated opening or doors.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| মন্তব্য                | 09-09-2019 (CVV-1): Storage at 3rd floor is not separated by fire rated construction and opening protective from sewing section. Penetrations are found in rated wall. Also bonded warehouse at 1st floor is not separated with fire rated construction and opening protective from cutting section. 05-03-2020 (CVV-2): Storage at 3rd floor has not been separated yet by fire rated construction and opening protective from sewing section. Penetrations are found in rated wall. Also bonded warehouse at 1st floor has not been separated yet with fire rated construction and opening protective from cutting section. 22-10-2020 (CVV-3): Storage at 3rd floor has not been separated yet by fire rated construction and opening protective from sewing section. Penetrations are found in rated wall. Also bonded warehouse at 1st floor has not been separated yet with fire rated construction and opening protective from cutting section. 17-01-2021: |

|                             |                                                                     |
|-----------------------------|---------------------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Fire separation of boiler, generator, sub-station and chemical room |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                     |

#### ১৫.১. কার্যক্রম

|                         |                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম               | Generator:                                                                                                                                                                                                                                                                                                                                                                                            |
| সুপারিশের<br>উপায়সূত্র |                                                                                                                                                                                                                                                                                                                                                                                                       |
| কারখানার<br>কার্যক্রম   |                                                                                                                                                                                                                                                                                                                                                                                                       |
| অগ্রাধিকার              | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                 |
| চূড়ান্ত<br>সমরসীমা     | -                                                                                                                                                                                                                                                                                                                                                                                                     |
| সংলগ্নিত<br>সমরসীমা     | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                            |
| অগ্রগতির<br>অবস্থা      | সংলগ্নিত                                                                                                                                                                                                                                                                                                                                                                                              |
| মন্তব্য                 | 09-09-2019 (CVV-1): Sub-station room has been removed from the factory building. 05-03-2020 (CVV-2): Sub-station room has not been found in the factory premises during the visit. Electric connection has been taken direct from PDB pole. 22-10-2020 (CVV-3): Sub-station room has been removed from the factory building. 17-01-2021: Sub-station room has been removed from the factory building. |

#### ১৫.২. কার্যক্রম

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম               | Generator room need to be protected with 4 hours rated construction & 2 hours rated opening / door from stair-2 as well as from the final exit route-2 located at ground floor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| সুপারিশের<br>উপায়সূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| কারখানার<br>কার্যক্রম   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| অগ্রাধিকার              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| চূড়ান্ত<br>সমরসীমা     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| সংলগ্নিত<br>সমরসীমা     | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| অগ্রগতির<br>অবস্থা      | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| মন্তব্য                 | 09-09-2019 (CVV-1): Generator room is not separated with fire rated construction and opening protective from stair-2 as well as from the final exit route-2 and godown at ground floor. 05-03-2020 (CVV-2): Generator room has not been separated with fire rated construction and opening protective from stair-2 as well as from the final exit route-1 and -2 and godown at ground floor. 22-10-2020 (CVV-3): Generator room has not been separated with fire rated construction and opening protective from stair-2 as well as from the final exit route-1 and -2 and godown at ground floor. 17-01-2021: They have not fire separated the generator room. |

#### ১৫.৩. কার্যক্রম

|                         |                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম               | Boiler:                                                                                                                                                                                                                                                                                                                                           |
| সুপারিশের<br>উপায়সূত্র |                                                                                                                                                                                                                                                                                                                                                   |
| কারখানার<br>কার্যক্রম   |                                                                                                                                                                                                                                                                                                                                                   |
| অগ্রাধিকার              |                                                                                                                                                                                                                                                                                                                                                   |
| চূড়ান্ত<br>সমরসীমা     | -                                                                                                                                                                                                                                                                                                                                                 |
| সংলগ্নিত<br>সমরসীমা     | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                        |
| অগ্রগতির<br>অবস্থা      | সংলগ্নিত                                                                                                                                                                                                                                                                                                                                          |
| মন্তব্য                 | 09-09-2019 (CVV-1): Chemical room has been removed from the factory building. 05-03-2020 (CVV-2): Chemical room has not been found in the factory premises during the visit. 22-10-2020 (CVV-3): Chemical room has not been found in the factory premises during the visit. 17-01-2021: Chemical room has been removed from the factory building. |

#### ১৫.৪. কার্যক্রম

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম               | Boiler room need to be protected with 4 hours rated construction & 2 hours rated opening / door from the working floor (Dining area) at 5th floor of the building.                                                                                                                                                                                                                                                                                                 |
| সুপারিশের<br>উপায়সূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| কারখানার<br>কার্যক্রম   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| অগ্রাধিকার              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| চূড়ান্ত<br>সমরসীমা     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| সংলগ্নিত<br>সমরসীমা     | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| অগ্রগতির<br>অবস্থা      | সংলগ্নিত                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| মন্তব্য                 | 09-09-2019 (CVV-1): Boiler is not used and found damaged. As discussed with factory management, it will be not used furthermore. 05-03-2020 (CVV-2): Boiler has not been used and found damaged disconnected. As discussed with factory management, it won't be used furthermore. 22-10-2020 (CVV-3): Boiler is not used and found damaged. As discussed with factory management, it will be not used furthermore. 17-01-21: Boiler is not used and found damaged. |

## ১৬. পর্যবেক্ষণ

|                             |                                         |
|-----------------------------|-----------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Fire and smoke protection of staircases |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                         |

### ১৬.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | All the stairs need to be protected with fire and smoke resistant enclosures and opening ( 2 hours rated enclosure and 1.5 hours rated door ) and provide a protected route from all though the stairway to the final exits.                                                                                                                                                                                                                                                                                      |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| মন্তব্য                | 09-09-2019 ( CVV-1 ) : Collapsible non-rated steel doors are found in both of the exits at all floor with both exit stairs. 05-03-2020 ( CVV-2 ) : Collapsible non-rated steel doors have not been replaced with fire rated doors in both of the exits at all floor with both exit stairs. 22-10-2020 ( CVV-3 ) :: Collapsible non-rated steel doors have not been replaced with fire rated doors in both of the exits at all floor with both exit stairs. 17-01-2021:staircase are not fire and smoke protected. |

## ১৭. পর্যবেক্ষণ

|                           |                                               |
|---------------------------|-----------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Adequacy of centralized fire detection system |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                               |

#### ১৭.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Factory needs to install centralized and automatic fire detection & alarm system on all occupied floors, including other tenanted floors of the building as per NTPA Guideline.                                                                                                                                                                                                                                                                                                                                                           |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| মন্তব্য                | 09-09-2019 (CVV-1): Centralized automatic fire detection and alarm systems are not installed yet throughout the factory. 05-03-2020 (CVV-2): Centralized automatic fire detection and alarm systems have not been installed yet throughout the factory. Only few standalone type smoke detectors are found which are not as per standard. 22-10-2020 (CVV-3): Centralized automatic fire detection and alarm systems are not installed yet throughout the factory. 17-01-2021: They have not installed centralized fire detection system. |

#### ১৮. পর্যবেক্ষণ

|                           |                                                  |
|---------------------------|--------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Installation of fire alarm system and call point |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                                  |

#### ১৮.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | The factory need to install manually operated electrical fire alarm system and automatic fire alarm system with single or multiple call boxes on all occupied floors, including other tenanted floors of the building.                                                                                                                                                                                                                                                                                                                                           |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| মন্তব্য                | 09-09-2019 (CVV-1): Fire alarm system and call point are not found during the visit. 05-03-2020 (CVV-2): Fire alarm system and call point have not been installed in the factory yet as per standard. Only few single station manual fire alarm system has been found which is not as per standard. 22-10-2020 (CVV-3): Fire alarm system and call point have not been installed in the factory yet as per standard. Only few single station manual fire alarm system has been found which is not as per standard. 17-01-2021: They have manual fire call point. |

#### ১৯. পর্যবেক্ষণ



|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Availability of control panel for automatic fire detection and alarm system |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                             |

#### ১৯.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Factory needs to install control panel for centralized automatic smoke detection & fire alarm system according to NTPA Guideline.                                                                                                                                                                                                                                                                        |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                          |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                          |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                    |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                        |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                               |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                               |
| মন্তব্য                | 09-09-2019 (CVV-1): Control panel for automatic fire detection and alarm system is not available. 05-03-2020 (CVV-2): Control panel for automatic fire detection and alarm system has not been installed yet..22-10-2020 (CVV-3): Control panel for automatic fire detection and alarm system is not available. 17-01-2021:Control panel for automatic fire detection and alarm system is not available. |

#### ২০. পর্যবেক্ষণ

|                             |                                  |
|-----------------------------|----------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Availability of standpipe system |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                  |

#### ২০.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Factory needs to install proper standpipe system with having at least 100 mm dia of riser.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| মন্তব্য                | 09-09-2019 (CVV-1): Standpipe and hose systems are not installed yet throughout the factory. Only 2 nos. 25 mm diameter plastic hose reels are available on 4th floor which are not as per standard. 05-03-2020 (CVV-2): Standpipe and hose systems have not been installed yet throughout the factory. Only 2 nos. 25 mm diameter plastic hose reels are available on 4th floor which are not as per standard. 22-10-2020 (CVV-3): Standpipe and hose systems have not been installed yet throughout the factory. Only 2 nos. 25 mm diameter plastic hose reels are available on 4th floor which are not as per standard. 17-01-2021: standpipe system are not available. they have few hose pipe but not operational. |

#### ২১. পর্যবেক্ষণ

|                             |                          |
|-----------------------------|--------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Adequate number of hoses |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                          |

#### ২১.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Factory need to be installed by 1 riser per 1000 sqm of floor area with at least 38 mm dia of fabric hose with variable nozzle.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| মন্তব্য                | 09-09-2019 (CVV-1): Standpipe and hose systems are not installed yet throughout the factory. Only 2 nos. 25 mm diameter plastic hose reels are available on 4th floor which are not as per standard. 05-03-2020 (CVV-2): Standpipe and hose systems have not been installed yet throughout the factory. Only 2 nos. 25 mm diameter plastic hose reels are available on 4th floor which are not as per standard. 22-10-2020 (CVV-3): Standpipe and hose systems have not been installed yet throughout the factory. Only 2 nos. 25 mm diameter plastic hose reels are available on 4th floor which are not as per standard. 17-01-21: They have two hose pipe which are not operational. |

#### ২২. পর্যবেক্ষণ

|                           |                                                     |
|---------------------------|-----------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Maximum throw of hose pressure at the highest point |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                                     |

#### ২২.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Ensure the minimum pressure for standpipes supplying a 50mm or larger hose shall be at least 300 Kpa. For standpipe supplying first aid hose (38mm nominal) may have a minimum pressure of 200 Kpa.                                                                                                                                                                                                                                                                                                                                             |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| মন্তব্য                | 09-09-2019 (CVV-1): Maximum throw of hose is not possible to check as the existing hose system is not functional during the visit. 05-03-2020 (CVV-2): Maximum throw of hose has not been possible to check as the existing hose system is non-functional during the visit. 22-10-2020 (CVV-3): Maximum throw of hose has not been possible to check as the existing hose system is non-functional during the visit. 17-01-2021: Maximum throw of hose is not possible to check as the existing hose system is not functional during the visit. |

#### ২৩. পর্যবেক্ষণ

|                             |                                                        |
|-----------------------------|--------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Availability of Siamese connection for fire department |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                        |

#### ২৩.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Factory needs to be installed with Siamese connection for to the standpipe system located outside the building and accessible to the fire department connection.                                                                                                                                                                                                         |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                          |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                          |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                    |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                        |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                               |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                               |
| মন্তব্য                | 09-09-2019 (CVV-1): Siamese connection for fire department is not available.<br>05-03-2020 (CVV-2): Siamese connection for fire department has not been provided yet. 22-10-2020 (CVV-3): Siamese connection for fire department is not available. Due to heavy rainfall could not capture picture. 17-01-2021: Siamese connection for fire department is not available. |

#### ২৪. পর্যবেক্ষণ

|                             |                                                                             |
|-----------------------------|-----------------------------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Availability of dedicated fire pump with sufficient capacity & backup power |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                             |

#### ২৪.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Factory needs to install dedicated fire pump with sufficient capacity and backup power as per NTPA Guideline.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| মন্তব্য                | 09-09-2019 (CVV-1): Dedicated fire pump with sufficient capacity and backup power is not available. Only a centrifugal pump is found for filling the overhead tank. 05-03-2020 (CVV-2): Dedicated fire pump with sufficient capacity and backup power has not been installed yet. Only a submersible pump has been found for filling the overhead tank. 22-10-2020 (CVV-3): Dedicated fire pump with sufficient capacity and backup power has not been installed yet. Only a submersible pump has been found for filling the overhead tank. Due to heavy rainfall could not capture picture. 17-01-2021: They have not installed fire hydrant. |

#### ২৫. পর্যবেক্ষণ

|                           |                                  |
|---------------------------|----------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ    | Water capacity for fire-fighting |
| কাপ<br>আইটেম<br>ক্যাটাগরি |                                  |

#### ২৫.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Factory needs to have sufficient water storage capacity to get adequate pressure to feed fire-fighting equipment and at least 1900ltr x 75min=142500 liters water storage tank.                                                                                                                                                                                                                                                                                                                                                                                                                        |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| অগ্রাধিকার             | ৬ মাস                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| সংশোধিত<br>সময়সীমা    | ২৫-১২-২০২২                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| মন্তব্য                | 09-09-2019 (CVV-1): 3 nos. overhead plastic water tank (4000 liter) are found which are used both for fire and domestic purpose. 05-03-2020 (CVV-2): 3 nos. overhead plastic water tank ( Total 4000 liter) have been found which are used both for fire and domestic purpose. 22-10-2020 (CVV-3): 3 nos. overhead plastic water tank ( Total 4000 liter) have been found which are used both for fire and domestic purpose. Due to heavy rainfall could not capture picture. 17-01-2021: 3 nos. overhead plastic water tank (4000 liter) are found which are used both for fire and domestic purpose. |

#### ২৬. পর্যবেক্ষণ

|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Design drawing of centralized automatic fire detection and alarm system is not found during the visit. |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                                                        |

#### ২৬.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                 |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Design drawing of centralized automatic fire detection and alarm system shall be submitted to DIFE for approval.                                                                                                                                                                                                                |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                 |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                 |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                        |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                               |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                      |
| অগ্রগতির<br>অবস্থা     | চলমান                                                                                                                                                                                                                                                                                                                           |
| মন্তব্য                | 05-03-2020 ( CVV-2 ) : Design drawing of centralized automatic fire detection and alarm system has been submitted to DIFE for approval. 22-10-2020 ( CVV-3 ) : Design drawing of centralized automatic fire detection and alarm system has been submitted to DIFE for approval. 17-01-2021: They have submitted design at DIFE. |

#### ২৭. পর্যবেক্ষণ

|                             |                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Design drawing of fire protective construction and separation with evacuation layout is not found during the visit. |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                                                                     |

#### ২৭.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Design drawing of fire protective construction and separation with evacuation layout shall be submitted to DIFE for approval.                                                                                                                                                                                                                             |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                           |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                           |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                                                  |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                         |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                                                |
| অগ্রগতির<br>অবস্থা     | চলমান                                                                                                                                                                                                                                                                                                                                                     |
| মন্তব্য                | 05-03-2020 ( CVV-2 ) : Design drawing of fire protective construction and separation with evacuation layout has been submitted to DIFE for approval. 22-10-2020 ( CVV-3 ) : Design drawing of fire protective construction and separation with evacuation layout has been submitted to DIFE for approval. 17-01-2021: They have submitted design at DIFE. |

#### ২৮. পর্যবেক্ষণ



|                             |                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Design drawing of standpipe and hose system with dedicated fire pump and water reservoir is not found during the visit. |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                                                                         |

#### ২৮.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | Design drawing of standpipe & hose system with dedicated fire pump and water reservoir shall be submitted to DIFE for approval.                                                                                                                                                                                                                                   |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                   |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                   |
| অগ্রাধিকার             | ৬ সপ্তাহ                                                                                                                                                                                                                                                                                                                                                          |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                 |
| সংশোধিত<br>সময়সীমা    | ০৬-০৮-২০২২                                                                                                                                                                                                                                                                                                                                                        |
| অগ্রগতির<br>অবস্থা     | চলমান                                                                                                                                                                                                                                                                                                                                                             |
| মন্তব্য                | 05-03-2020 ( CVV-2 ) : Design drawing of standpipe and hose system with dedicated fire pump and water reservoir has been submitted to DIFE for approval. 22-10-2020 ( CVV-3 ) : Design drawing of standpipe and hose system with dedicated fire pump and water reservoir has been submitted to DIFE for approval. 17-01-2021: They have submitted design at DIFE. |

#### ২৯. পর্যবেক্ষণ

|                             |                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| পরিদর্শন<br>পর্যবেক্ষণ      | Aisles marking are not found in the whole premises as per standard. Aisles are found obstructed with combustible materials, sewing table, column etc. |
| ক্যাপ<br>আইটেম<br>ক্যাটাগরি |                                                                                                                                                       |

#### ২৯.১. কার্যক্রম

|                        |                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| কার্যক্রম              | The minimum clear width of the pathway should be 0.9 m with arrow guiding as per standard. The evacuation pathways shall be free of any temporary and permanent obstacles.                                                                                                                                                                                                         |
| সুপারিশের<br>তথ্যসূত্র |                                                                                                                                                                                                                                                                                                                                                                                    |
| কারখানার<br>কার্যক্রম  |                                                                                                                                                                                                                                                                                                                                                                                    |
| অগ্রাধিকার             | প্রযোজ্য নয়                                                                                                                                                                                                                                                                                                                                                                       |
| চূড়ান্ত<br>সময়সীমা   | -                                                                                                                                                                                                                                                                                                                                                                                  |
| সংশোধিত<br>সময়সীমা    | ০১-০১-১৯৭০                                                                                                                                                                                                                                                                                                                                                                         |
| অগ্রগতির<br>অবস্থা     | শুরু হয়নি                                                                                                                                                                                                                                                                                                                                                                         |
| মন্তব্য                | 22-10-2020 ( CVV-3 ) : Aisles marking are not found in the whole premises as per standard. Aisles are found obstructed with combustible materials, sewing table, column etc. They have not taken any action yet. 17-01-2021: Aisles marking are not found in the whole premises as per standard. Aisles are found obstructed with combustible materials, sewing table, column etc. |

