



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

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

ক্যাপ পর্যবেক্ষণের তথ্য

কারখানার নাম	এস আই নিটিং লি:
ঠিকানা	26/1, Shataish Road, Tongi, Gazipur
কারখানার কোড	GZP292
কালার কোড	
মূল্যায়নের ধরন: বৈদ্যুতিক মূল্যায়ন	পর্যবেক্ষণের তারিখ: ২৩-০১-২০২৩
১. পর্যবেক্ষণ	

পরিদর্শন পর্যবেক্ষণ	□ Electrical cables do not run through separate Service ducts
কাপ আইটেম ক্যাটাগরি	

১.১. কার্যক্রম

কার্যক্রম	□ Ensure prevention of fire and smoke propagation through vertical shafts by providing fire rated enclosures around the openings along with seals in shafts and ducts at floor separations. □ Provide service duct for electrical cables
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We will do as per guideline within the mentioned timeline.
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	১২-০৫-২০১৭
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	শুরু হয়নি
মন্তব্য	08-10-2020 (CVV-1): Electrical cables do not run through separate Service ducts. On 26-01-2021 (CVV-2): Electrical cables do not run through separate Service ducts and it is in critical condition. On 03-05-2021 (CVV-3): Electrical cables do not run through separate Service ducts and it was in same condition as previous. On 23-08-2021 (CVV-4): Electrical cables do not run through separate Service ducts and it was in same condition as previous. 01-09-2022 visit observation: Electrical cables do not run through separate service ducts. 23-01-2023: Same as previous visit.

সংযুক্তিসমূহ (৪)



২. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	□ The generator room is not properly segregated from the rest of the occupancy □ The generator room smaller than the required size □ Combustible material inside □ No over-current protection provided □ No earth-fault protection
ক্যাপ আইটেম ক্যাটাগরি	

২.১. কার্যক্রম

কার্যক্রম	□ Produce design drawings to demonstrate the incorporation of fire rated enclosure from floor to ceiling and an approved fire rated self-closing swing door for the Generator room. □ Provide over current and earth fault protection
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We will provide design drawing according to guideline.
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	২৪-১২-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	শুরু হয়নি
মন্তব্য	08-10-2020 (CVV-1): □ The generator room is not properly segregated from the rest of the occupancy □ No over-current protection provided □ No earth-fault protection 26-01-2021 (CVV-2): # The generator room is not properly segregated from the rest of the occupancy # No over-current protection provided # No earth-fault protection 03-05-2021 (CVV-3): It was in same condition as previous. # The generator room is not properly segregated from the rest of the occupancy # No over-current protection provided # No earth-fault protection 23-08-2021 (CVV-4): It was in same condition as previous. i) The generator room is not properly segregated from the rest of the occupancy ii) No over-current protection provided iii) No earth-fault protection 01-09-2022 visit observation: 1. The generator room was not properly segregated from the rest of the occupancy 2. No over-current & earth-fault protection were provided 23-01-2023: Same as previous visit.

সংযুক্তিসমূহ (৪)



৩. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	□ The generator room is not properly segregated from the rest of the occupancy □ The generator room smaller than the required size □ Combustible material inside □ No over-current protection provided □ No earth-fault protection
ক্যাপ আইটেম ক্যাটাগরি	

৩.১. কার্যক্রম

কার্যক্রম	□ Provide fire rated enclosure from floor to ceiling and an approved fire rated selfclosing swing door for the Generator room □ Install appropriate detectors.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We will install fire door according to guideline.
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	১২-০৫-২০১৭
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	শুরু হয়নি
মন্তব্য	08-10-2020 (CVV-1): □ Provide fire rated enclosure from floor to ceiling and an approved fire rated self-closing swing door for the Generator room □ Install appropriate detectors. 26-01-2021 (CVV-2): # Fire rated enclosure from floor to ceiling and fire rated self-closing swing door for the generator was not provided. # Appropriate detectors was not installed. 03-05-2021 (CVV-3): It was in same condition as previous. # Fire rated enclosure from floor to ceiling and fire rated self-closing swing door for the generator was not provided. # Appropriate detectors was not installed. 23-08-2021 (CVV-4): It was in same condition as previous. i) Fire rated enclosure from floor to ceiling and fire rated self-closing swing door for the generator was not provided. ii) Appropriate detectors was not installed. 01-09-2022 visit observation: 1.Fire rated enclosure from floor to ceiling and fire rated self-closing swing door for the generator were not provided. 2.Appropriate detectors were not installed. 23-01-2023: Same as previous visit.

সংযুক্তিসমূহ (৪)

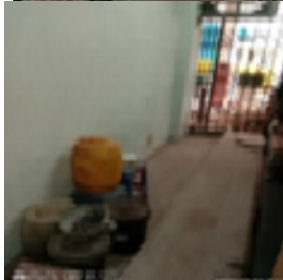
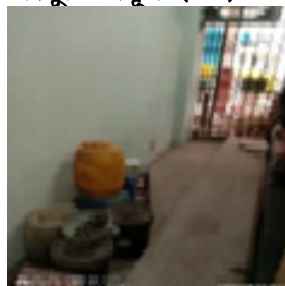


পরিদর্শন পর্যবেক্ষণ	□ The generator room is not properly segregated from the rest of the occupancy □ The generator room smaller than the required size □ Combustible material inside □ No over-current protection provided □ No earth-fault protection
ক্যাপ আইটেম ক্যাটাগরি	

৪.১. কার্যক্রম

কার্যক্রম	□ Remove Combustible materials from generator room. □ Ensure accessibility and ventilation to generator □ Ensure double earthing of generator frame
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Already we have done.
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	শুরু হয়নি
মন্তব্য	08-10-2020 (CVV-1): □ Remove Combustible materials from generator room. □ Ensure accessibility and ventilation to generator □ Ensure double earthing of generator frame 26-01-2021 (CVV-2): # Combustible materials were found inside generator room. # Accessibility and ventilation to generator room was not provided. # No body earthing was provided to generator. 03-05-2021 (CVV-3): It was in same condition as previous # Combustible materials were found inside generator room. # Accessibility and ventilation to generator room was not provided. # No body earthing was provided to generator. 23-08-2021 (CVV-4): It was in same condition as previous i) Combustible materials were found inside generator room. ii) Accessibility and ventilation to generator room was not provided. iii) No body earthing was provided to generator. 01-09-2022 visit observation: 1. Combustible materials were found inside generator room. 2. Accessibility and ventilation to generator room were not provided. 3. Double earthing of generator frame were not provided. 23-01-2023: Same as previous visit.

সংযুক্তিসমূহ (৬)



পরিদর্শন পর্যবেক্ষণ	Substation located on higher floor Access limited/barred Connection without lug Partition wall not extended up to the ceiling Panel body & door not earthed Electric cables do not pass through service shaft or insulated conduits
ক্যাপ আইটেম ক্যাটাগরি	

৫.১. কার্যক্রম

কার্যক্রম	Provide easy access to the substation Produce design drawings to demonstrate the incorporation of fire rated enclosure from floor to ceiling and an approved fire rated self-closing swing door for the Substation room. Ensure earthing of panel body & door with fitted condition.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We will provide design drawing according to guideline.
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	২৪-১২-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	08-10-2020(CVV-1): Substation located on higher floor Access limited/barred Connection without lug Partition wall not extended up to the ceiling Panel body & door not earthed Electric cables do not pass through service shaft or insulated conduits 26-01-2021(CVV-2): # Substation was not located higher floor # Access was limited/barred # Connection without lug was found at several DB # Partition wall not extended up to the ceiling # Panel body & door not earthed # Electric cables do not pass through service shaft or insulated conduits 03-05-2021(CVV-3): It was in same condition as previous # Substation was not located higher floor # Access was limited/barred # Connection without lug was found at several DB # Partition wall not extended up to the ceiling # Panel body & door not earthed # Electric cables do not pass through service shaft or insulated conduits 23-08-2021(CVV-4): It was in same condition as previous i) Substation was not located higher floor ii) Access was limited/barred iii) Connection without lug was found at several DB iv) Partition wall not extended up to the ceiling v) Panel body & door not earthed vi) Electric cables do not pass through service shaft or insulated conduits 01-09-2022 visit observation: 1.Substation was not easy accessible. 2.Substation room were not fire rated and fire door were not installed. 3.Earthing of panel board including panel door were not provided. 23-01-2023: 1.Substation was easy accessible. 2.Substation room were not fire rated and fire door were not installed. 3.Earthing of panel board including panel door were not provided.

সংযুক্তি-সমূহ (৬)



৬. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	Substation located on higher floor Access limited/barred Connection without lug Partition wall not extended up to the ceiling Panel body & door not earthed Electric cables do not pass through service shaft or insulated conduits
ক্যাপ আইটেম ক্যাটাগরি	

৬.১. কার্যক্রম

কার্যক্রম	Provide fire rated enclosure from floor to ceiling and an approved fire rated selfclosing swing door for the Substation room. Place substation in ground floor Install appropriate detectors
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We will do as per guideline within the mentioned timeline.
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	১২-০৫-২০১৭
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	08-10-2020 (CVV-1): Provide fire rated enclosure from floor to ceiling and an approved fire rated self-closing swing door for the Substation room. Place substation in ground floor Install appropriate detectors. 26-01-2021 (CVV-2): # Substation installed at ground floor. # Substation room was not fire rated and fire door was not installed. 03-05-2021 (CVV-3): It was in same condition as previous. # Substation installed at ground floor. # Substation room was not fire rated and fire door was not installed. 23-08-2021 (CVV-4): It was in same condition as previous. i) Substation installed at ground floor. ii) Substation room was not fire rated and fire door was not installed. 01-09-2022 visit observation: 1.Substation was installed at ground floor. 2.Substation room were not fire rated and fire door were not installed. 3.Appropriate detectors were not installed. 23-01-2023: Same as previous visit.

সংযুক্তিসমূহ (৪)



৭. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	Substation located on higher floor Access limited/barred Connection without lug Partition wall not extended up to the ceiling Panel body & door not earthed Electric cables do not pass through service shaft or insulated conduits
কাপ আইটেম ক্যাটাগরি	

৭.১. কার্যক্রম

কার্যক্রম	Remove combustible materials from substation. Ensure accessibility and ventilation to substation Provide instructions for first aid and artificial respiration from exposure to electrical shock. Provide cover on the cable trench and rubber mat in front of the panel Ensure well-dressed cabling with lugs
সুপারিশের ভিত্তিসূত্র	
কারখানার কার্যক্রম	We will provide first aid and artificial respiration soon.
অগ্রাধিকার	প্রয়োজ্য নয়
চূড়ান্ত সময়সীমা	০৪-১০-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	08-10-2020 (CVV-1): Remove combustible materials from substation. Ensure accessibility and ventilation to substation Provide instructions for first aid and artificial respiration from exposure to electrical shock. Provide cover on the cable trench and rubber mat in front of the panel. Ensure well-dressed cabling with lugs 26-01-2021 (CVV-2): # Combustible materials was not found at substation room # Accessibility and ventilation to substation was not provided. # Instruction for First aid and artificial respiration was not found at substation room. # Cable trench and Rubber mat was not provided in front of DB. # Cable dressing was not provided appropriately. 03-05-2021 (CVV-3): It was in same condition as previous. # Combustible materials was not found at substation room. # Accessibility and ventilation to substation was not provided. # Instruction for First aid and artificial respiration was not found at substation room. On 23-08-2021 (CVV-4): It was in same condition as previous. i) Combustible materials was not found at substation room. ii) Accessibility and ventilation to substation was not provided. iii) Instruction for First aid and artificial respiration was not found at substation room. iv) Cable trench and Rubber mat was not provided in front of DB. v) Cable dressing was not provided appropriately. 01-09-2022 visit observation: 1. Combustible materials was not found at substation room 2. Accessibility and ventilation to substation were not provided. 3. Instruction for First aid and artificial respiration were not found at substation room. 4. Cable trench and Rubber mat were not provided in front of DB. 5. Cable dressing was not provided appropriately. 23-01-2023: Same as previous visit.

সংযুক্তিসমূহ (৮)

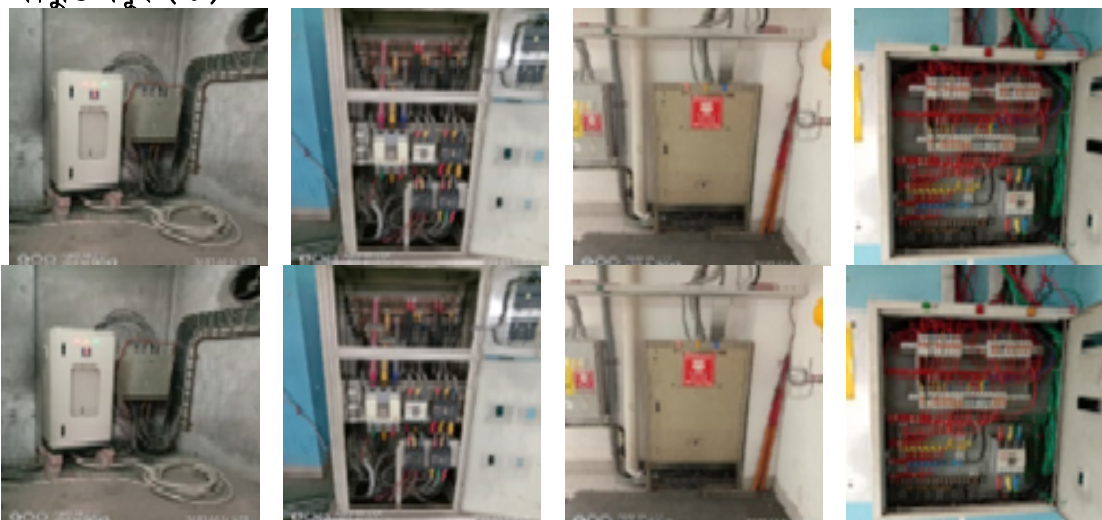


পরিদর্শন পর্যবেক্ষণ	<input type="checkbox"/> No instruction for first aid to electrical shock <input type="checkbox"/> Access obstructed/barred <input type="checkbox"/> Connection without lug <input type="checkbox"/> Undressed messy wire inside <input type="checkbox"/> Body & door not earthed <input type="checkbox"/> Installed on wooden board <input type="checkbox"/> MCCB/MCB box broken/loose <input type="checkbox"/> Does not have duplicate earth leads
ক্যাপ আইটেম ক্যাটাগরি	

৮.১. কার্যক্রম

কার্যক্রম	<input type="checkbox"/> Repair broken/loose MCCB/MCB box. <input type="checkbox"/> Provide duplicate earth leads. <input type="checkbox"/> Provide earthing to body & door. <input type="checkbox"/> Identify cause of burning inside distribution box and take remedial measures <input type="checkbox"/> Provide clear identification mark on distribution board. <input type="checkbox"/> Install MDB/SDB/SB or MCB on metal board.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We have some distribution boards are grounded.
অগ্রাধিকার	প্রয়োজ্য নয়
চূড়ান্ত সময়সীমা	২৬-১১-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	08-10-2020 (CVV-1): <input type="checkbox"/> No instruction for first aid to electrical shock <input type="checkbox"/> Access obstructed/barred <input type="checkbox"/> Connection without lug <input type="checkbox"/> Undressed messy wire inside <input type="checkbox"/> Body & door not earthed <input type="checkbox"/> Installed on wooden board <input type="checkbox"/> MCCB/MCB box broken/loose <input type="checkbox"/> Does not have duplicate earth leads 26-01-2021 (CVV-2): #Connection without lug # Body & door not earthed # Installed on wooden board # MCCB/MCB box was not broken/loose # Does not have duplicate earth leads 03-05-2021 (CVV-3): It was in same condition as previous. #Connection without lug # Body & door not earthed # Installed on wooden board # MCCB/MCB box was not broken/loose # Does not have duplicate earth leads 23-08-2021 (CVV-4): It was in same condition as previous. i) Connection without lug ii) Body & door not earthed iii) Installed on wooden board iv) MCCB/MCB box was not broken/loose v) Does not have duplicate earth leads 01-09-2022 visit observation: 1.Panel board were not install properly. 2.Duplicate earth leads were not provided in MDB. 3.Body & door earthing were found in distribution boards. 4.No visible burn were observed. 5.Clear identification mark on distribution board were not found. 6.MDB/SDB/SB or MCB were installed on metal board. 23-01-2023: Same as previous visit.

সংযুক্তিসমূহ (৮)



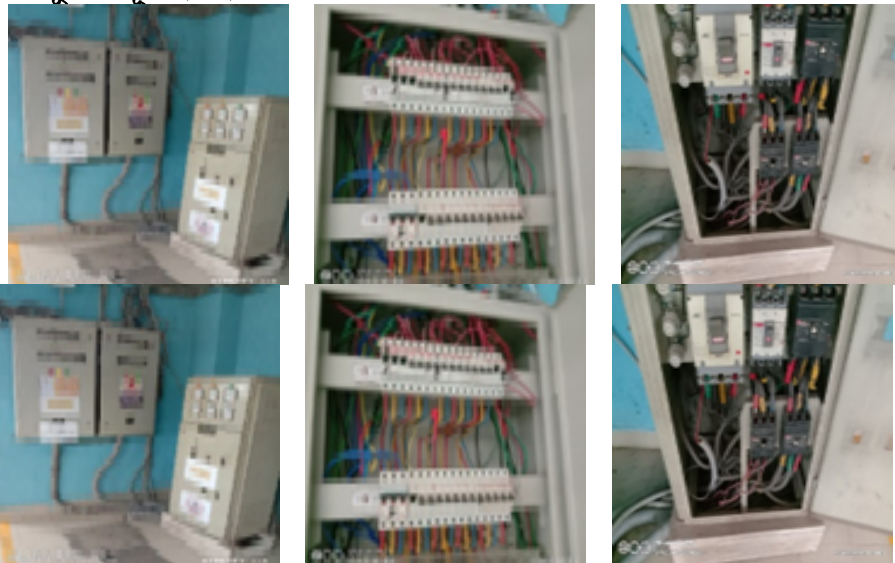
৯. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	□ No instruction for first aid to electrical shock □ Access obstructed/barred □ Connection without lug □ Undressed messy wire inside □ Body & door not earthed □ Installed on wooden board □ MCCB/MCB box broken/loose □ Does not have duplicate earth leads
ক্যাপ আইটেম ক্যাটাগরি	

৯.১. কার্যক্রম

কার্যক্রম	□ Provide instructions for first aid from exposure to electrical shock □ Remove obstruction to ensure access to MDB/MCCB Box □ Ensure well-dressed cabling with lugs
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We will provide first aid and artificial respiration soon. Sockets are provided for some cables.
অগ্রাধিকার	প্রয়োজ্য নয়
চূড়ান্ত সময়সীমা	০৪-১০-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	08-10-2020 (CVV-1): □ No instruction for first aid to electrical shock □ Access obstructed/barred □ Connection without lug □ Undressed messy wire inside □ Body & door not earthed □ Installed on wooden board □ MCCB/MCB box broken/loose □ Does not have duplicate earth leads 26-01-2021 (CVV-2): # No instruction for first aid to electrical shock # Access obstructed/barred # Undressed messy wire inside 03-05-2021 (CVV-3): It was in same condition as previous # No instruction for first aid to electrical shock # Access obstructed/barred # Undressed messy wire inside 23-08-2021 (CVV-4): It was in same condition as previous i) No instruction for first aid to electrical shock ii) Access obstructed/barred iii) Undressed messy wire inside 01-09-2022 visit observation: 1. Instructions for first aid from exposure to electrical shock were not provided at required location. 2. Panel board were found easy accessible. 3. Un-dressed cabling without lugs were found. 23-01-2023: Same as previous visit.

সংযুক্তিসমূহ (৬)



পরিদর্শন পর্যবেক্ষণ	□ Electric cables do not pass through service shaft or insulated conduits □ Connection without lug □ Undressed messy wire inside
কাপ আইটেম ক্যাটাগরি	

১০.১. কার্যক্রম

কার্যক্রম	□ Provide service ducts or insulated conduits □ Ensure secured connections with lug □ Replace undressed messy wiring/cables
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Already we have done.
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	08-10-2020 (CVV-1): □ Electric cables do not pass through service shaft or insulated conduits □ Connection without lug □ Undressed messy wire inside 26-01-2021 (CVV-2): # Electric cables do not pass through service shaft or insulated conduits # Connection without lug # Undressed messy wire inside 03-05-2021 (CVV-3): It was in same condition as previous. # Electric cables do not pass through service shaft or insulated conduits # Connection without lug # Undressed messy wire inside 23-08-2021 (CVV-4): It was in same condition as previous. i) Electric cables do not pass through service shaft or insulated conduits ii) Connection without lug iii) Undressed messy wire inside 01-09-2022 visit observation: 1. Service ducts or insulated conduits were not provided for passing electric cables. 2. Undressed messy wiring/cables were found. 3. Connection without lug were found. 23-01-2023: Electrical work is under process. Because they are merge with other floor which was not included with DEOTI.

সংযুক্তিসমূহ (৪)



পরিদর্শন পর্যবেক্ষণ	⏏ Lightning protection system not available
কাপ আইটেম ক্যাটাগরি	

১১.১. কার্যক্রম

কার্যক্রম	⏏ Provide appropriate Lightning protection system.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We will install lightning protection system soon.
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	১২-০৫-২০১৭
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	08-10-2020 (CVV-1): Lightning protection system (LPS) design / drawing deed has been done according to the deed copy with the consultancy. 26-01-2021 (CVV-2): LPS was not installed yet and no design drawing copy was available during inspection. 03-05-2021 (CVV-3): It was in same condition as previous and LPS was not installed yet and no design drawing copy was available during inspection. On 23-08-2021 (CVV-4): It was in same condition as previous and LPS was not installed yet and no design drawing copy was available during inspection. 01-09-2022 visit observation: Lightning protection system (LPS) was not installed on top of the building. 23-01-2023: Lightning protection system (LPS) was not installed on top of the building but they have approved drawing.

সংযুক্তিসমূহ (৪)

