



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	কেমাস ডিজাইন লিঃ
ঠিকানা	246/1/F, West Agargaon, Sher-E-Bangla Nagar
কারখানার কোড	DHK201
কালার কোড	
মূল্যায়নের ধরণ: <b>বৈদ্যুতিক মূল্যায়ন</b>	পর্যবেক্ষণের তারিখ: -
১. পর্যবেক্ষণ	

পরিদর্শন পর্যবেক্ষণ	<p>□ Inadequate ventilation of the generator room □ The generator room is not properly segregated from the rest of the occupancy due to presence of non Fire-rated Door □ No detector in generator room □ The generator room size does not meet the requirement of the guidelines □ Inadequate ventilation of the generator room □ One point frame earthing of generator instead of two □ lint/dirt in generator room □ No detector in generator room</p>
ক্যাপ আইটেম ক্যাটাগরি	

### ১.১. কার্যক্রম

কার্যক্রম	<p>□ Produce design drawings to demonstrate the incorporation of fire rated enclosure from floor to ceiling and an approved fire rated door for the Generator room. □ Provide firefighting equipment as required by the Guidelines. □ Provide two-point earthing for the generator frame</p>
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Initiative has not been taken yet but they have agreed to complete within timeline
অগ্রাধিকার	৬ সপ্তাহ
চূড়ান্ত সময়সীমা	২২-১২-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	<p>20-10-2020 on visit day 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room 07-01-2021 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room 11-04-2021 Visit Observation: 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room On 31/08/2021: 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room</p>

পরিদর্শন পর্যবেক্ষণ	<p>□ Inadequate ventilation of the generator room □ The generator room is not properly segregated from the rest of the occupancy due to presence of non Fire-rated Door □ No detector in generator room □ The generator room size does not meet the requirement of the guidelines □ Inadequate ventilation of the generator room □ One point frame earthing of generator instead of two □ lint/dirt in generator room □ No detector in generator room</p>
ক্যাপ আইটেম ক্যাটাগরি	

### ২.১. কার্যক্রম

কার্যক্রম	Provide fire rated enclosure from floor to ceiling and an approved fire rated door for the Generator room □ Provide separate room for generator as per the guidelines □ Install appropriate detectors
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Initiative has not been taken yet but they have agreed to complete within timeline
অগ্রাধিকার	৬ মাস
চূড়ান্ত সময়সীমা	২২-১২-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	<p>20-10-2020 on visit day 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room 07-01-2021</p> <p>1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room 11-04-2021 Visit Observation:</p> <p>1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room On 31/08/2021: 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room</p>

### ৩. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	<p>☐ Inadequate ventilation of the generator room ☐ The generator room is not properly segregated from the rest of the occupancy due to presence of non Fire-rated Door ☐ No detector in generator room ☐ The generator room size does not meet the requirement of the guidelines ☐ Inadequate ventilation of the generator room ☐ One point frame earthing of generator instead of two ☐ lint/dirt in generator room ☐ No detector in generator room</p>
ক্যাপ আইটেম ক্যাটাগরি	

### ৩.১. কার্যক্রম

কার্যক্রম	☐ Ensure cross ventilation in the generator room ☐ Remove lint/dirt in generator room
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	২২-১২-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	<p>20-10-2020 on visit day 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room 07-01-2021 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room 11-04-2021 Visit Observation: 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room On 31/08/2021: 1. Generator is located on ground floor, they haven't provided any separation. 2. Inadequate fire separation for Generator. 3. they didn't provide first aid box and artificial respiration. 4. There are two generators in the factory. generators is still earthed at one point. 5. illumination is insufficient in generator room. 6. dust has been found in generator room. 7. factory has submitted detection design to DIFE and waiting for approval. 8. The generator room smaller than the required size, Combustible materials inside generator room</p>

পরিদর্শন পর্যবেক্ষণ	<input type="checkbox"/> No SLD/clear identification mark for MDB/DB/SDB <input type="checkbox"/> MDB/DB/SDB/SB or MCB installed on the wooden board <input type="checkbox"/> Combustible material near or inside <input type="checkbox"/> MDB/DB/SDB body and door not earthed <input type="checkbox"/> Connections without lug <input type="checkbox"/> MDB does not have duplicate earth leads
কাপ আইটেম ক্যাটাগরি	

#### ৪.১. কার্যক্রম

কার্যক্রম	Provide clear identification mark on MDB/DB/SDB and provide SLD <input type="checkbox"/> Install MDB/DB/SDB/SB/MCCB on nonflammable board. <input type="checkbox"/> Provide earthing to body and door of MDB/DB/SDB. <input type="checkbox"/> Provide duplicate earth leads for MDB
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	২৪-১১-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	<p>20-10-2020 on visit day 1.single line diagram is not obtainable in the factory 2. No instruction for first aid to electrical shock 3. Combustible materials near DB 4. Cable ends not properly soldered or crimped 5 Connection without lug 6. All of the distribution boards including panel door are not grounded. 7. No clear identification mark on distribution board</p> <p>07-01-2021 1.single line diagram is available in the factory. 2. No instruction for first aid to electrical shock 3. Combustible materials near DB 4. Cable ends not properly soldered or crimped 5 Connection without lug 6. All of the distribution boards including panel door are not grounded. 7. No clear identification mark on distribution board.</p> <p>11-04-2021 Visit Observation: 1.single line diagram is available in the factory. 2. No instruction for first aid to electrical shock 3. Combustible materials near DB 4. Cable ends not properly soldered or crimped 5 Connection without lug 6. All of the distribution boards including panel door are not grounded. 7. No clear identification mark on distribution board.</p> <p>On 31/08/2021: 1.single line diagram is available in the factory. 2. No instruction for first aid to electrical shock 3. Combustible materials near DB 4. Cable ends not properly soldered or crimped 5 Connection without lug 6. All of the distribution boards including panel door are not grounded. 7. No clear identification mark on distribution board.</p>

#### ৫. পর্যবেক্ষণ

পরিদর্শন পৰ্যবেক্ষণ	<input type="checkbox"/> No SLD/clear identification mark for MDB/DB/SDB <input type="checkbox"/> MDB/DB/SDB/SB or MCB installed on the wooden board <input type="checkbox"/> Combustible material near or inside <input type="checkbox"/> MDB/DB/SDB body and door not earthed <input type="checkbox"/> Connections without lug <input type="checkbox"/> MDB does not have duplicate earth leads
কাপ আইটেম কাটাগরি	

#### ৫.১. কার্যক্রম

কার্যক্রম	<input type="checkbox"/> Ensure all connection with lugs and proper cable dressing <input type="checkbox"/> Remove combustible material from near or inside MDB/SDB/SB/MCCB
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Initiative has not been taken yet but they have agreed to complete within timeline
অগ্রাধিকার	প্রয়োজ্য নয়
চূড়ান্ত সময়সীমা	২৪-১১-২০১৬
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	<p>20-10-2020 on visit day 1.single line diagram is not obtainable in the factory 2. No instruction for first aid to electrical shock 3. Combustible materials near DB 4. Cable ends not properly soldered or crimped 5 Connection without lug 6. All of the distribution boards including panel door are not grounded. 7. No clear identification mark on distribution board</p> <p>07-01-2021 1.single line diagram is available in the factory. 2. No instruction for first aid to electrical shock 3. Combustible materials near DB 4. Cable ends not properly soldered or crimped 5 Connection without lug 6. All of the distribution boards including panel door are not grounded. 7. No clear identification mark on distribution board.</p> <p>11-04-2021 Visit Observation: 1.single line diagram is available in the factory. 2. No instruction for first aid to electrical shock 3. Combustible materials near DB 4. Cable ends not properly soldered or crimped 5 Connection without lug 6. All of the distribution boards including panel door are not grounded. 7. No clear identification mark on distribution board.</p> <p>On 31/08/2021: 1.single line diagram is available in the factory. 2. No instruction for first aid to electrical shock 3. Combustible materials near DB 4. Cable ends not properly soldered or crimped 5 Connection without lug 6. All of the distribution boards including panel door are not grounded. 7. No clear identification mark on distribution board.</p>

#### ৬. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	□ Undressed messy and loose wiring/cable
কাপ আইটেম ক্যাটাগরি	

#### ৬.১. কার্যক্রম

কার্যক্রম	□ Replace undressed loose and messy wiring/cables
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	৬ সপ্তাহ
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	শুরু হয়নি
মন্তব্য	20-10-2020 on visit day 1.Un-terminated cable found in the distribution board 2.Distribution boards interior are not clean 3.lots of looping and branching from one point found 07-01-2021 1.Un-terminated cables are found in the distribution board 2.Distribution boards interior are not clean 3.lots of looping and branching cables are found from one point found. 11-04-2021 Visit Observation: 1.Un-terminated cables are found in the distribution board 2.Distribution boards interior are not clean 3.lots of looping and branching cables are found from one point found. On 31/08/2021: 1.Un-terminated cables are found in the distribution board 2.Distribution boards interior are not clean 3.lots of looping and branching cables are found from one point found.

পরিদর্শন পর্ববেষ্টিত	Lightning protection system not available
কাপ আইটেম ক্যাটাগরি	

#### ৭.১. কার্যক্রম

কার্যক্রম	Provide appropriate earthing and lightning protection system.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Initiative has not been taken yet but they have agreed to complete within timeline
অগ্রাধিকার	৬ মাস
চূড়ান্ত সময়সীমা	১১-০৫-২০১৭
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	20-10-2020 on visit day On the factory roof top Lightning protection system is not installed. 07-01-2021 Lightning protection system is not installed. 11-04-2021 Visit Observation: Lightning protection system is not installed. But design submitted to DIFE for approval. On 31/08/2021: Lightning protection system is not installed. But design submitted to DIFE for approval.