



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	আর টেক্স কাশন লিঃ		
ঠিকানা	146, Satarkul Road, North Badda		
কারখানার কোড	DHK476		
কালার কোড			

মূল্যায়নের ধরণ: বৈদ্যুতিক মূল্যায়ন	পর্যবেক্ষণের তারিখ: ০৩-০৪-২০২৩
১. পর্যবেক্ষণ	

পরিদর্শন পর্যবেক্ষণ	<p>□ The generator room smaller than the required size □ The generator room is not properly segregated from the rest of the occupancy □ No detector in generator room □ No firefighting equipment is present in the generator room □ No earthing □ No over current or earth fault protection provided</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 self-closing swing door for the Generator room. □ Provide firefighting equipment as required by the Guidelines. □ Provide over current and earth fault protection</p>
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	৬ সপ্তাহ
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	<p>19/10/2020: 1. Factory hasn't produced fire separation design drawing yet. 2. Fire fighting equipment was available in generator room. 3. Over current protection was provided but earth fault protection was not provided. 04/01/2021: 1. Factory hasn't produced fire separation design drawing yet. 2. Fire fighting equipment was available in generator room. 3. Over current protection was provided but earth fault protection was not provided. 07-09-2021: Factory hasn't produced fire separation design drawing yet. Fire fighting equipment was available in generator room. Over current protection was provided but earth fault protection was not provided. 03-08-2022 visit observation: 1.Factory hasn't produced fire separation design drawing yet. 2.Fire fighting equipment was available in generator room. 3.Over current protection was provided but earth fault protection was not provided. 03.04.2023: 1.Factory hasn't produced fire separation design drawing yet. 2.Fire fighting equipment was available in generator room. 3.Over current protection was provided but earth fault protection was not provided.</p>

সংযুক্তিসমূহ ( ৪ )



#### ২. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	<p>□ The generator room smaller than the required size □ The generator room is not properly segregated from the rest of the occupancy □ No detector in generator room □ No firefighting equipment is present in the generator room □ No earthing □ No over current or earth fault protection provided</p>
ক্যাপ আইটেম ক্যাটাগরি	

#### ২.১. কার্যক্রম

কার্যক্রম	□ Provide fire rated enclosure from floor to P27.3 ceiling and an approved fire rated selfclosing swing door for the Generator room □ Install appropriate detectors.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	৬ মাস
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	শুরু হয়নি
মন্তব্য	<p>19/10/2020: 1. fire rated enclosure and fire rated doors were not present in the generator room. 2. Appropriate detectors have not been installed yet. 04/01/2021: 1. fire rated enclosure and fire rated doors were not present in the generator room. 2. Appropriate detectors have not been installed yet. 07-09-2021: Fire rated enclosure and fire rated doors were not present in the generator room. Appropriate detectors have not been installed yet. 03-08-2022 visit observation: 1.Fire rated enclosure and fire rated doors were not present in the generator room. 2.Appropriate detectors have not been installed yet. 03.04.2023: 1.Fire rated enclosure and fire rated doors were not present in the generator room. 2.Appropriate detectors have not been installed yet.</p>

সংযুক্তিসমূহ (২)



#### ৩. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	<p>□ The generator room smaller than the required size □ The generator room is not properly segregated from the rest of the occupancy □ No detector in generator room □ No firefighting equipment is present in the generator room □ No earthing □ No over current or earth fault protection provided</p>
ক্যাপ আইটেম ক্যাটাগরি	

#### ৩.১. কার্যক্রম

কার্যক্রম	□ Ensure double earthing of generator frame
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সমন্বয়সীমা	-
সংশোধিত সমন্বয়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	শুরু হয়নি
মন্তব্য	19/10/2020: Double earthing of generator frame is not ensured. 04/01/2021: Double earthing of generator frame has not been ensured yet. 07-09-2021: Double earthing of generator frame has not been ensured yet. 03-08-2022 visit observation: Double earthing of generator frame has not been ensured yet. 03.04.2023: Double earthing of generator frame has not been ensured yet.

সংযুক্তিসমূহ (৩)



#### ৪. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	<input type="checkbox"/> No instruction for first aid to electrical shock <input type="checkbox"/> Cable ends not properly soldered or crimped <input type="checkbox"/> Connection without lug <input type="checkbox"/> Undressed messy wire inside <input type="checkbox"/> Body & door not earthed <input type="checkbox"/> No clear identification mark on distribution board <input type="checkbox"/> MDB/SDB/SB or MCB installed on the wooden board
ক্যাপ আইটেম ক্যাটাগরি	

#### ৪.১. কার্যক্রম

কার্যক্রম	<input type="checkbox"/> Provide earthing to body & door. <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	
অগ্রাধিকার	৬ সপ্তাহ
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	<p>19/10/2020: 1. Door earthing was not found in any of the boards. Body earthing was present in some of the boards. 2. Clear identification marks were not provided on any of the boards. 3. Some of the switchboards were installed on wooden boards. All the other boards were installed on metal boards. 04/01/2021: 1. Door earthing was not found in most of the boards. Only one board has door earthing. Body earthing was present in some of the boards. 2. Clear identification marks were not provided on any of the boards. 3. Some of the switchboards were installed on wooden boards. All the other boards were installed on metal boards. 07-09-2021: Door earthing was not found in most of the boards. Only one board has door earthing. Body earthing was present in some of the boards. Clear identification marks were not provided on any of the boards. Some of the switchboards were installed on wooden boards. All the other boards were installed on metal boards. 03-08-2022 visit observation: 1. Panel board &amp; door earthing were not found properly in distribution board. 2. Clear identification marks were not found on distribution board. 3. Some of the switchboards were installed on wooden boards. All the other boards were installed on metal boards. 03.04.2023: 1. Panel board &amp; door earthing were not found properly in distribution board. 2. Clear identification marks were not found on distribution board. 3. Some of the switchboards were installed on wooden boards. All the other boards were installed on metal boards.</p>

সংযুক্তিসমূহ (৬)



পরিদর্শন পর্যবেক্ষণ	<input type="checkbox"/> No instruction for first aid to electrical shock <input type="checkbox"/> Cable ends not properly soldered or crimped <input type="checkbox"/> Connection without lug <input type="checkbox"/> Undressed messy wire inside <input type="checkbox"/> Body & door not earthed <input type="checkbox"/> No clear identification mark on distribution board <input type="checkbox"/> MDB/SDB/SB or MCB installed on the wooden board
ক্যাপ আইটেম ক্যাটাগরি	

#### ৫.১. কার্যক্রম

কার্যক্রম	<input type="checkbox"/> Provide instructions for first aid from exposure to electrical shock <input type="checkbox"/> Ensure well-dressed cabling with lugs
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	প্রয়োজ্য নয়
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	শুরু হয়নি
মন্তব্য	19/10/2020: 1. Instructions for first aid from exposure to electrical shock were not provided. 2. Cables were not well dressed. Cable looping was present in all the boards. 04/01/2021: 1. Instructions for first aid from exposure to electrical shock were not provided. 2. Cables were not well dressed. Cable looping was present in all the boards. 07-09-2021: Instructions for first aid from exposure to electrical shock were not provided. Cables were not well dressed. Cable looping was present in all the boards. 03-08-2022 visit observation: 1.Instructions for first aid from exposure to electrical shock were not found. 2.Cables were not well dressed. 3.Cable looping were found. 03.04.2023: 1.Instructions for first aid from exposure to electrical shock were not found. 2.Cables were not well dressed. 3.Cable looping were found.

সংযুক্তিসমূহ (৬)



#### ৬. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	⏏ Electric cables do not pass through service shaft or insulated conduits ⏏ Connections without lug ⏏ Undressed messy wiring/cables ⏏ Cable ends not properly soldered or crimped
ক্যাপ আইটেম ক্যাটাগরি	

#### ৬.১. কার্যক্রম

কার্যক্রম	⏏ Provide service ducts or insulated conduits ⏏ Ensure secured connections with lug ⏏ Replace undressed messy wiring/cables ⏏ Properly solder cable ends
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	৬ সপ্তাহ
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	19/10/2020: 1. Service ducts or insulated conduits were not provided for most of the cables. 2. Secured connections with lugs were provided for most of the wires. 3. Undressed messy wirings were found. 4. Cable ends were not properly soldered. 04/01/2021: 1. Service ducts or insulated conduits were not provided for most of the cables. 2. Secured connections with lugs were provided for most of the wires. 3. undressed messy wirings were found. 4. cable ends were not properly soldered. 07-09-2021: Service ducts or insulated conduits were not provided for most of the cables. Secured connections with lugs were provided for most of the wires. Undressed messy wirings were found. Cable ends were not properly soldered. 03-08-2022 visit observation: 1. Service ducts or insulated conduits were not provided. 2. Secured connections with lugs were found. 3. Undressed messy wiring/cable were found. 4. Cable ends were not properly soldered. 03.04.2023: 1. Service duct or insulated service cable were not provided 2. Connection found with out lug. 3. Undress messy waring cable was found during visit. 4. Cable end were not properly soldered.

সংযুক্তিসমূহ (৬)



#### ৭. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	☐ Lightning protection system not available
ক্যাপ আইটেম ক্যাটাগরি	

#### ৭.১. কার্যক্রম

কার্যক্রম	☐ Provide appropriate Lightning protection system.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	
অগ্রাধিকার	৬ মাস
চূড়ান্ত সময়সীমা	-
সংশোধিত সময়সীমা	০১-০১-১৯৭০
অগ্রগতির অবস্থা	চলমান
মন্তব্য	19/10/2020: Factory has provided Lightning protection system design to DIFE for approval. 04/01/2021: Factory has provided Lightning protection system design to DIFE for approval. 07-09-2021: Factory has provided Lightning protection system design to DIFE for approval. 03-08-2022 visit observation: LPS Drawing approved by DIFE. Factory not yet installed LPS system. 03.04.2023: LPS design approved by DIFE at 58th task force, but factory not installation work yet.

সংযুক্তিসমূহ (৪)

