



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

শ্রমজীবী মানুষের অধিকার, বৈষম্যহীন
বাংলাদেশের অঙ্গীকার

ক্যাপ পর্যবেক্ষণের তথ্য

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| কারখানার নাম | মনটেস্স কেব্রিক্স লিঃ |
| ঠিকানা | Building-1, Nayapara, Kashimpur, Gazipur |
| কারখানার কোড | GZP238 |
| কালার কোড | |

মূল্যায়নের ধরণ: বৈদ্যুতিক মূল্যায়ন পর্যবেক্ষণের তারিখ: ২৪-০১-২০২৩

১. পর্যবেক্ষণ

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| পরিদর্শন পর্যবেক্ষণ | □ Poor illumination in transformer room □ Silica gel is in poor condition |
| ক্যাপ আইটেম ক্যাটাগরি | |

১.১. কার্যক্রম

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| কার্যক্রম | □ Ensure illumination in the transformer room □ Maintain quality silica gel |
| সুপারিশের তথ্যসূত্র | |
| কারখানার কার্যক্রম | |
| অগ্রাধিকার | প্রযোজ্য নয় |
| চূড়ান্ত সময়সীমা | - |
| সংশোধিত সময়সীমা | ০১-০১-১৯৭০ |
| অগ্রগতির অবস্থা | সংশোধিত |
| মন্তব্য | 12-Feb-2019 (CVV-1): i) The substation room is illuminated properly. ii) Silica gel found is in good condition. 17-Nov-2019 (CVV-2): i) The generator room is illuminated properly. ii) The transformer is removed from the substation. 06-Sep-2020 (CVV-3): i) The generator room is illuminated properly. ii) The transformer is removed from the substation. 06.12.2020: i) The generator room is illuminated properly. ii) The transformer is removed from the substation. 16-05-2022 CCV: Completed. 24-01-2023 CCV: Completed. |

২. পর্যবেক্ষণ

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| পরিদর্শন পর্যবেক্ষণ | <input type="checkbox"/> No cover on the cable trench |
| কাপ আইটেম ক্যাটাগরি | |

২.১. কার্যক্রম

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| কার্যক্রম | <input type="checkbox"/> Provide cover on the cable trench |
| সুপারিশের তথ্যসূত্র | |
| কারখানার কার্যক্রম | |
| অগ্রাধিকার | প্রযোজ্য নয় |
| চূড়ান্ত সময়সীমা | - |
| সংশোধিত সময়সীমা | ০১-০১-১৯৭০ |
| অগ্রগতির অবস্থা | সংশোধিত |
| মন্তব্য | 12-Feb-2019 (CVV-1): Covers are provided for cable tray on floor. 17-Nov-2019 (CVV-2): Covers are not provided for cable tray on production floor. 06-Sep-2020 (CVV-3): Covers are provided for cable tray on production floor. 06.12.2020: Covers are provided for cable tray on production floor. 16-05-2022 CCVV: Completed. 24-01-2023 CCVV: Completed. |

৩. পর্যবেক্ষণ

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| পরিদর্শন পর্যবেক্ষণ | □ The substation room is not properly segregated from the rest of the occupancy □ No SLD/clear identification mark on distribution panel □ No earthing at all required electrical points |
| ক্যাপ আইটেম ক্যাটাগরি | |

৩.১. কার্যক্রম

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| 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 Substation room. □ Provide clear identification mark on distribution panel and relevant SLD □ Ensure earthing for all required electrical points |
| সুপারিশের তথ্যসূত্র | |
| কারখানার কার্যক্রম | |
| অগ্রাধিকার | ৬ সপ্তাহ |
| চূড়ান্ত সময়সীমা | - |
| সংশোধিত সময়সীমা | ০১-০১-১৯৭০ |
| অগ্রগতির অবস্থা | চলমান |
| মন্তব্য | 12-Feb-2019 (CVV-1): i) All the distribution boards do not have clear and permanent identification markings. Also single line diagram for electrical system are not available on most of the distribution boards. ii) Electrical equipment is not efficiently earthed. Also earth conductor (ECC) inside the panel boards cannot be identified due to the absence of means of identification by separate marking tape, tagging or other approved means. As a result dedicated earthing with adequate size for each circuit and equipment cannot be identified. 17-Nov-2019 (CVV-2): i) All the distribution boards do not have clear and permanent identification markings. Also single line diagram for electrical system are not available on most of the distribution boards. ii) Electrical equipment is not efficiently earthed. Also earth conductor (ECC) inside the panel boards cannot be identified due to the absence of means of identification by separate marking tape, tagging or other approved means. As a result dedicated earthing with adequate size for each circuit and equipment cannot be identified. 06-Sep-2020 (CVV-3): i) All the distribution boards do not have clear and permanent identification markings. Also single line diagram for electrical system are not available on most of the distribution boards. ii) Electrical equipment is not efficiently earthed. Also earth conductor (ECC) inside the panel boards cannot be identified due to the absence of means of identification by separate marking tape, tagging or other approved means. As a result dedicated earthing with adequate size for each circuit and equipment cannot be identified. 06.12.2020: i) SLD/clear identification mark on distribution panel ii) Electrical equipment is earthed but not dedicated every where & some problem found with their cable size. 16-05-2022 CCVV: i) Some distribution boards do not have clear and permanent identification markings. Although single line diagram for electrical system are available on most of the distribution boards but does not match with actual circuits. ii) Earth conductor (ECC) inside the panel boards cannot be identified due to the absence of means of identification by separate marking tape, tagging or other approved means. As a result dedicated earthing with adequate size for each circuit and equipment cannot be identified. 24.01.2023 CCVV: i) Some distribution boards do not have clear and permanent identification markings. ii) Earth conductor (ECC) inside the panel boards cannot be identified due to the absence of means of identification by separate marking tape, tagging or other approved means. As a result dedicated earthing with adequate size for each circuit and equipment cannot be identified. |

সংযুক্তিসমূহ (৪)



৪. পর্যবেক্ষণ

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| পরিদর্শন পর্যবেক্ষণ | □ The substation room is not properly segregated from the rest of the occupancy □ No indicating lamps on the panel □ No detector in substation |
| ক্যাপ আইটেম ক্যাটাগরি | |

৪.১. কার্যক্রম

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| কার্যক্রম | □ Provide fire rated enclosure from floor to ceiling and an approved fire rated selfclosing swing door for the Substation room. □ Provide indicating lamps in the panel □ Install appropriate detectors. |
| সুপারিশের তথ্যসূত্র | |
| কারখানার কার্যক্রম | |
| অগ্রাধিকার | ৬ মাস |
| চূড়ান্ত সময়সীমা | - |
| সংশোধিত সময়সীমা | ০১-০১-১৯৭০ |
| অগ্রগতির অবস্থা | সংশোধিত |
| মন্তব্য | 12-Feb-2019 (CVV-1): i) Indicator lamps installed on the panel boards are operational. 17-Nov-2019 (CVV-2): i) Indicator lamps installed on the panel boards are operational. 06-Sep-2020 (CVV-3): i) Indicator lamps installed on the panel boards are operational. 06.12.2020: i) Indicator lamps installed on the panel boards are operational. 16-05-2022 CCVV: i) Indicator lamps installed on the panel boards are operational. 24-01-2023 CCVV: i) Transformer room is separate from rest of the building. li) All Panel have Indication lamp and working properly. iii) Detector and other fire instrument is install if Substation room. |

সংযুক্তিসমূহ (৪)



৫. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ □ No instruction for first aid to electrical shock and artificial respiration □ Uncovered cable trench and non-conductive mat insufficient

কাপ
আইটেম
ক্যাটাগরি

৫.১. কার্যক্রম

কার্যক্রম □ Provide instructions for first aid and artificial respiration from exposure to electrical shock. □ Provide cover on the cable trench and sufficient rubber mat in front of the panel

সুপারিশের
তথ্যসূত্র

কারখানার
কার্যক্রম

অগ্রাধিকার প্রযোজ্য নয়

চূড়ান্ত
সময়সীমা

০১-০১-১৯৭০

অগ্রগতির
অবস্থা

সংশোধিত

মন্তব্য

12-Feb-2019 (CVV-1): i) Instruction board for first aid and artificial respiration are available. ii) Covers are provided for cable tray on floor and electrical insulation mats are provided in front of distribution boards. 17-Nov-2019 (CVV-2): i) Instruction board for first aid and artificial respiration are available. ii) Covers are not provided for cable tray on production floor and electrical insulation mats are provided in front of distribution boards. 06-Sep-2020 (CVV-3): i) Instruction board for first aid and artificial respiration are available. ii) Covers are provided for cable tray on production floor and electrical insulation mats are provided in front of distribution boards. 06.12.2020: i) Instruction board for first aid and artificial respiration are available. ii) Covers are provided for cable tray on production floor and electrical insulation mats are provided in front of distribution boards. 16-05-2022 CCVV: Completed. 24-01-2023 CCVV: Completed.

৬. পর্যবেক্ষণ

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| পরিদর্শন পর্যবেক্ষণ | <input type="checkbox"/> No SLD/clear identification mark for MDB/DB/SDB <input type="checkbox"/> MDB installed on the wooden board <input type="checkbox"/> MDB/DB/SDB door not earthed <input type="checkbox"/> Loose or broken box/socket <input type="checkbox"/> MDB does not have duplicate earth leads |
| ক্যাপ আইটেম ক্যাটাগরি | |

৬.১. কার্যক্রম

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| কার্যক্রম | <input type="checkbox"/> 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 door of MDB/DB/SDB. <input type="checkbox"/> Repair broken socket <input type="checkbox"/> Provide duplicate earth leads for MDB. |
| সুপারিশের তথ্যসূত্র | |
| কারখানার কার্যক্রম | |
| অগ্রাধিকার | ৬ সপ্তাহ |
| চূড়ান্ত সময়সীমা | - |
| সংশোধিত সময়সীমা | ০১-০১-১৯৭০ |
| অগ্রগতির অবস্থা | চলমান |
| মন্তব্য | <p>12-Feb-2019 (CVV-1): i) All the distribution boards do not have clear and permanent identification markings. Also single line diagram for electrical system are not available on most of the distribution boards. ii) Wooden boards have been replaced by non-inflammable board (metallic panel board). iii) Panel doors are properly grounded. iv) Loose or broken box/socket is not found. v) MDB does not have duplicate earth leads</p> <p>17-Nov-2019 (CVV-2): i) All the distribution boards do not have clear and permanent identification markings. Also single line diagram for electrical system are not available on most of the distribution boards. ii) MCCBs and Electric Meters are installed on the wooden board. iii) Panel doors are properly grounded. iv) Loose or broken box/socket is not found. v) MDB does not have duplicate earth leads</p> <p>06-Sep-2020 (CVV-3): i) All the distribution boards do not have clear and permanent identification markings. Also single line diagram for electrical system are not available on most of the distribution boards. ii) Wooden boards have been removed. iii) Panel doors are properly grounded. iv) Loose or broken box/socket is not found. v) MDB does not have duplicate earth leads.</p> <p>06.12.2020: i) SLD/clear identification mark on distribution panel ii) Wooden boards have been removed. iii) Panel doors are properly grounded. iv) Loose or broken box/socket is found. but cables are connected without cable lug. v) MDB does not have duplicate earth leads.</p> <p>16-05-2022 CCVV: i) Some distribution boards do not have clear and permanent identification markings. Although single line diagram for electrical system are available on most of the distribution boards but does not match with actual circuits ii) Wooden boards have been removed. iii) Panel doors are properly grounded. iv) Loose or broken box/socket is not found. v) Duplicate earth leads are provided for MDB .</p> <p>On 24.01.2023 CCVV: i) Some distribution boards do not have clear and permanent identification markings. Although single line diagram for electrical system are available on most of the distribution boards but does not match with actual circuits ii) Wooden boards have been removed. iii) Panel doors are properly grounded. iv) Loose or broken box/socket is not found. v) Duplicate earth leads are provided for MDB.</p> |

সংযুক্তিসমূহ (৮)



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| পরিদর্শন পর্যবেক্ষণ | ☐ Lightning protection system not available ☐ Air Terminals absent. ☐ Earthing/lightning pits are not identified |
| কাপ আইটেম ক্যাটাগরি | |

৭.১. কার্যক্রম

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| কার্যক্রম | ☐ Provide appropriate earthing and lightning protection system. ☐ Provide air terminals ☐ Take necessary measures for identifiable lightning pits |
| সুপারিশের তথ্যসূত্র | |
| কারখানার কার্যক্রম | |
| অগ্রাধিকার | ৬ মাস |
| চূড়ান্ত সময়সীমা | - |
| সংশোধিত সময়সীমা | ০১-০১-১৯৭০ |
| অগ্রগতির অবস্থা | চলমান |
| মন্তব্য | 12-Feb-2019 (CVV-1): Lightning protection system is installed on the building but it does not match with the drawing. 17-Nov-2019 (CVV-2): Lightning protection system is installed on the building but it does not match with the drawing. 06-Sep-2020 (CVV-3): Lightning protection system is installed on the building but LPS drawing is not approved by the DIFE yet. 06.12.2020: Lightning protection system is installed on the building but LPS drawing is not approved by the DIFE yet. 16-05-2022 CCVV: Lightning protection system is installed on the building, but does not match with the drawing. Also, LPS drawing is not approved yet. 24-01-2023 CCVV: Lightning protection system is installed on the building, but does not match with the as build drawing. Also, LPS drawing is not approved yet. |

সংযুক্তিসমূহ (৪)

