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

সুস্থ শ্রমিক, কর্মঠ হাত আসবে এবার নব প্রভাত

ক্যাপ পর্যবেক্ষণের তথ্য

কারখানার নাম	বেঙ্গল নিটেক্স লিঃ
ঠিকানা	59/1 Atis Dipankar Road,
কারখানার কোড	DHK099
কালার কোড	

মুল্যায়নের ধরণ: বৈদ্যুতিক মুল্যায়ন	পর্যবেক্ষণের তারিখ: ১৪-০২-২০২৩

১. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	Generator Room
ক্যাপ আইটেম ক্যাটাগরি	

১.১. কার্যক্রম

কার্যক্রম	§ D 14 Page 10487 Table 3.2.7 Page 10377 § 2.6 Page 11248- 11250 § 2.7.4 Page
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	The generator room smaller than the required size 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 No over current or earth fault protection provided
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	০১-০১-১৯৭০
সংশোধিত সময়সীমা	-
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	13-01-2020: 1.Generator room size is enough for maintenance but not enough according to NTPA guideline. 2. Generator room is not properly fire rated enclosed or segregated from the rest of the occupancy and fire rated self-closing swing door found 3. Detector found but not according to design related NTPA guideline or BNBC standard 4. Over current and earth fault protection provided 17-08-2020: 1.Same as above 2.Generator room is properly fire rated enclosed or segregated from the rest of the occupancy and fire rated self-closing swing door found. 3. Detector found but not according to design related NTPA guideline or BNBC standard 4. Over current and earth fault protection provided 03-11-2020 on visit day: Generator room size is enough for maintenance but not enough according to NTPA guideline. Generator room is properly fire rated enclosed or segregated from the rest of the occupancy and fire rated self-closing swing door found. found detector. Over current and earth fault protection provided. 03-02-2021 on visit day: Generator room size is enough for maintenance but not enough according to NTPA guideline. Generator room is properly fire rated enclosed or segregated from the rest of the occupancy and fire rated self-closing swing door found. found detector. Over current and earth fault protection provided. 12-08-2021 on visit day: Generator room size is enough for maintenance but not enough according to NTPA guideline. Generator room is properly fire rated enclosed or segregated from the rest of the occupancy and fire rated self-closing swing door found. found detector. Over current and earth fault protection provided. 07-08-2022 Visit Observation: During visit date no generator found in generator room. Factory person confirmed that they will no more used generator for standby source for that reason they has been omitted generator from factory. 14-02-2023 Visit Observation: During visit date no generator found in generator room. Factory person confirmed that they will no more used generator for standby source for that reason they has been omitted generator from factory.

সংযুক্তি-সমূহ (৪)

২. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	Generator Room
ক্যাপ আইটেম ক্যাটাগরি	

২.১. কার্যক্রম

কার্যক্রম	Sec. 4.9.3 Electricity Rule 1937 § 49
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Provide fire rated enclosure from floor to ceiling and an approved fire rated self closing swing door for the Generator room Install appropriate detectors. Ensure double earthing of generator frame Provide cover on the cable trench
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	০১-০১-১৯৭০
সংশোধিত সময়সীমা	-
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	13-01-2020: 1. Generator room is not properly fire rated enclosed or segregated from the rest of the occupancy and fire rated self-closing swing door found 2. Detector found but not according to design related NTPA guideline or BNBC standard 3. Double earthing found for generator 4. Cable trenches were found covered 17-08-2020: 1. Provided fire rated enclosure from floor to ceiling and an approved fire rated self closing swing door for the Generator room. 2. Same as above. 3. Double earthing of generator frame 4. Provided cover on the cable trench.03-11-2020 on visit day Found fire rated enclosure from floor to ceiling and an approved fire rated self closing swing door for the Generator room. two point earthing on generator. Found cover on the cable trench. 03-02-2021 on visit day: Found fire rated enclosure from floor to ceiling and an approved fire rated self closing swing door for the Generator room. two point earthing on generator. Found cover on the cable trench. 12-08-2021 on visit day: Found fire rated enclosure from floor to ceiling and an approved fire rated self closing swing door for the Generator room. two point earthing on generator. Found cover on the cable trench. 07-08-2022 Visit Observation: During visit date no generator found in generator room. Factory person confirmed that they will no more used generator for standby source for that reason they has been omitted generator from factory. 14-02-2023 Visit Observation: During visit date no generator found in generator room. Factory person confirmed that they will no more used generator for standby source for that reason they has been omitted generator from factory.

সংযুক্তিসমূহ (৪)

৩. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	Substation
ক্যাপ আইটেম ক্যাটাগরি	

৩.১. কার্যক্রম

কার্যক্রম	§ 2.6.3 Page 11248 § 2.7.5 Page 11258 § 2.11.5 Page 11275 Electricity Rule 1937 § 46, 47, 50, 60
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	No clear identification mark on distribution panel No instruction for first aid to electrical shock and artificial respiration Non-conductor mat not provided Same as above
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	০১-০১-১৯৭০
সংশোধিত সময়সীমা	-
অগ্রগতির অবস্থা	চলমান
মন্তব্য	13-01-2020: 1. Clear identification mark for distribution panel were done properly 2. Appropriate detector not found according to the NTPA guideline 3. Instruction board for first aid and electric shock recuperation not found at required place i.e substation room, generator room, boiler room beside distribution board, near every panels on the floor 4. Insulated rubber mat were not provided 17-08-2020: 1. Clear identification mark for distribution panel were done properly 2. Appropriate detector not found according to the NTPA guideline 3. Instruction board for first aid and electric shock recuperation not found at required place i.e. substation room, generator room, boiler room beside distribution board, near every panels on the floor 4. Insulated rubber mat were provided 03-11-2020 on visit day: Clear identification mark on distribution panel. instruction for first aid to electrical shock and artificial respiration. Non-conductor mat provided. 03-02-2021 on visit day: Clear identification mark on distribution panel. instruction for first aid to electrical shock and artificial respiration. Non-conductor mat provided. 12-08-2021 on visit day: Clear identification mark on distribution panel. instruction for first aid to electrical shock and artificial respiration. Non-conductor mat provided. 07-08-2022 Visit Observation: 1. Clear identification mark for distribution board were found. 2. Instruction for first aid to electrical shock and artificial respiration were found. 3.Electric grade rubber mat were not provided in front of some panel board. 4.Appropriate detector were not found according to the NTPA guideline. 14-02-2023 Visit Observation: 1. Clear identification mark for distribution board were found. 2. Instruction for first aid to electrical shock and artificial respiration were not found of some panel boards. 3.Electric grade rubber mat were not provided in front of some panel board. 4.Appropriate detector were not found according to the NTPA guideline.

সংযুক্তি-সমূহ (৬)

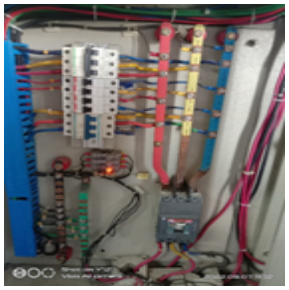
৪. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	MDB/SDB/SB /MCCB
ক্যাপ আইটেম ক্যাটাগরি	

৪.১. কার্যক্রম

কার্যক্রম	§ 2.7.5 Page 11257 § 2.5.5 Page 11245 Electricity Rule 1937 § 46, 47, 54, 57
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Connection without lug Undressed messy wire inside No clear identification mark on distribution board Same as above
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	০১-০১-১৯৭০
সংশোধিত সময়সীমা	-
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	13-01-2020: 1. Cables were terminated with appropriate lugs 2. Cables were properly clipped and drawn. 3. Clear identification mark for distribution panel were done properly 03-11-2020 on visit day: Connection with lug. clear identification mark on distribution board 03-02-2021: 1. Cables were terminated with appropriate lugs 2. Cables were properly clipped and drawn. 3. Clear identification mark for distribution panel were done properly 12-08-2021 on visit day: 1. Cables were terminated with appropriate lugs. 2. Cables were properly clipped and drawn. 3. Clear identification mark for distribution panel were done properly 07-08-2022 Visit Observation: 1. Cables were terminated with appropriate lugs. 2. Cables were properly clipped and drawn. 3. Clear identification mark for distribution panel were done properly. 14-02-2023 Visit Observation: 1. Cables were terminated with appropriate lugs. 2. Cables were properly clipped and drawn. 3. Clear identification mark for distribution panel were found properly.

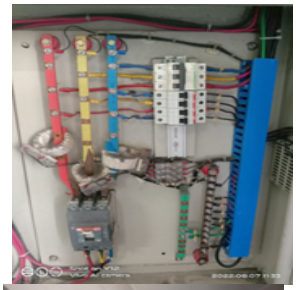
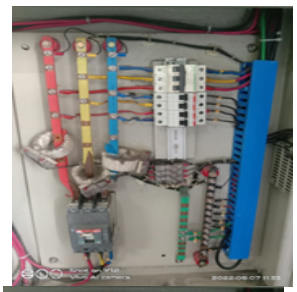
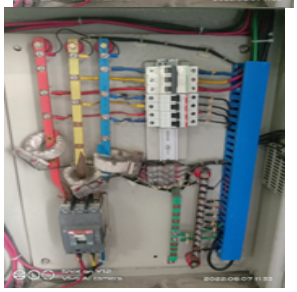
সংযুক্তিসমূহ (৪)



৫. পর্যবেক্ষণ

পরিদর্শন পর্যবেক্ষণ	Wiring/ Cabling
ক্যাপ আইটেম ক্যাটাগরি	

৫.১. কার্যক্রম

কার্যক্রম	§ 2.5.4 Page 11244
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	Electric cables do not pass through service shaft or insulated conduits Connections without lug Undressed messy wiring Same as above
অগ্রাধিকার	প্রযোজ্য নয়
চূড়ান্ত সময়সীমা	০১-০১-১৯৭০
সংশোধিত সময়সীমা	-
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	13-01-2020: 1. Cables were insulated properly and BBT used as a riser. Holes needs to be sealed properly 2. Cables were terminated with appropriate lugs 3. Cables were properly clipped and drawn. 17-08-2020: 1. Cables were insulated properly and BBT used as a riser. Holes are sealed properly 2. Cables were terminated with appropriate lugs 3. Cables were properly clipped and drawn. 03-11-2020 on visit day: 1. Cables were insulated properly & BBT used as a riser. Holes are sealed properly. 2. Cables were terminated with appropriate lugs. 3. Cables were properly clipped and drawn 03-02-2021 on visit day: 1. Cables were insulated properly & BBT used as a riser. Holes are sealed properly. 2. Cables were terminated with appropriate lugs. 3. Cables were properly clipped and drawn 07-08-2022 Visit Observation: 1. Cables were insulated properly and BBT used as a riser. Holes are sealed properly 2. Cables were terminated with appropriate lugs 3. Cables were properly clipped and drawn. 14-02-2023 Visit Observation: 1. Cables were insulated properly and BBT used as a riser. Holes are sealed properly 2. Cables were terminated with appropriate lugs 3. Cables were properly clipped and drawn.

সংযুক্তিসমূহ (৬)