

মুল্যায়নের ধরণ: বৈঘুতিক মুল্যায়ন

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

"শ্রমজীবী মানুষের অধিকার, বৈষম্যহীন বাংলাদেশের অঙ্গীকার"

পর্ববেষ্কণের তারিখ: ২২–০২–২০২৪

ক্যাপ পর্ববেষ্ফণের তখ্য

কারখানার নাম	বেঙ্গল লেইজাৰ ওয়্যাৰ লিঃ
ঠিকানা	473, North Ibrahimpur (6Th & 7Th Floor), Kafrul
কারখানার কোড	DHK100
কালার কোড	

শ্ব(বঞ্চণ	
ারিদর্শন le ার্শবেষ্কণ in ro	ransformer room walls less than 4hr fire resistance door having fire resistance ratings than 2hr does not be separating wall between Switchgears and Transformer does transforme accessible does not silica gel present does does not be transformer from the transfo
ন্যাপ শাইটেম ন্যাটাগরি	
.১. কাৰ্যক্ৰম	1
কাৰ্যক্ৰম	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 Transformer room. Provide firefighting equipment as required by the Guidelines. Provide aligned Horn Gap Replace the silica gel
সুপারিশের তখ্যসূত্র	
কার্থানার কার্বক্রম	we will complete the issue within the timeline.
অগ্রাধিকার	৬ সপ্তাহ
চুড়ান্ত সময়সীমা	\$b-0b-20\$9
সংশোধিত সময়সীমা	o № - o ₽ - ₹ o ₹ ₹
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 4/09/16 Final Timeline: 18/08/2017. They will complete the issue within the timeline. CCV Date: 13-07-2020 1. Self closing fire rated door found for substation room 2. No fire fighting equipment found for substation room 3. Horn gap of the transformer brushes were aligned properly 4. Silica gel have been replaced with a new one for the transformer 20-10-2020 1. Self closing fire rated door found for substation room 2. No fire fighting equipment found for substation room 3. Horn gap of the transformer brushes were aligned properly 4. Silica gel have been replaced with a new one for the transforme. 23-08-2021: 1. Self closing fire rated door found for substation room 2. No fire fighting equipment found for substation room 3. Horn gap of the transformer brushes were aligned properly 4. Silica gel have been replaced with a new one for the transforme

পরিদর্শন পর্ববেষ্ফণ	Transformer room walls less than 4hr fire resistance \(\bigcup \) Door having fire resistance rating less than 2hr \(\bigcup \) No separating wall between Switchgears and Transformer \(\bigcup \) Transformer inaccessible \(\bigcup \) No silica gel present \(\bigcup \) Inadequate cross ventilation for the transformer room
ক্যাপ আইটেম ক্যাটাগরি	

.১. কাৰ্যক্ৰম	
কাৰ্যক্ৰম	Provide fire rated enclosure from floor to ceiling and an approved fire rated selfclosing swing door for the Transformer room. Place Transformer in Ground Floor Install appropriate detectors.
সুপারিশের তথ্যসূত্র	
কার্থানার কার্যক্রম	we will complete the issue within the timeline.
<u> অগ্রা</u> ধিকার	৬ মাস
চূড়ান্ত সমশ্বসীমা	5b-55-5059
সংশোধিত সময়সীমা	₹ % – % 5 – 5 o 5 5
অগ্রগতির অবস্থা	সংশোধিত
মন্ত ব্য	Previous timeline: 24/01/16 Final Timeline: 18/11/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. Self closing fire rated door found for substation room 2. Transformer is found to be in ground floor 3. Appropriate detectors observed for the substation room 20-10-2020 1. Self closing fire rated door found for substation room 2. Transformer is found to be in ground floor 3. Appropriate detectors observed for the substation room 23-08-2021: 1. Self closing fire rated door found for substation room 2. Transformer is found to be in ground floor 3. Appropriate detectors observed for the substation room

পরিদর্শন পর্ববেষ্ফণ	Transformer room walls less than 4hr fire resistance \(\bigcup \) Door having fire resistance rating less than 2hr \(\bigcup \) No separating wall between Switchgears and Transformer \(\bigcup \) Transformer inaccessible \(\bigcup \) No silica gel present \(\bigcup \) Inadequate cross ventilation for the transformer room
ক্যাপ আইটেম ক্যাটাগরি	

).১. কাৰ্যক্ৰ	न
কাৰ্যক্ৰম	Ensure accessibility, illumination and cross ventilation to Transformer
সুপারিশের তথ্যসূত্র	
কার্থানার কার্বক্রম	We will complete the issue within the timeline.
অগ্রাধিকার	প্রবোজ্য নর
চুডান্ড সময়সীমা	\$b-0b-20\$9
সংশোধিত সময়সীমা	02-02-2290
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 31/08/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 Transformer was found to be easily accessible and well illuminated and have adequate cross ventilation system 20-10-2020 Transformer was found to be easily accessible and well illuminated and have adequate cross ventilation system 23-08-2021: Transformer was found to be easily accessible and well illuminated and have adequate cross ventilation system

পরিদর্শন পর্ববেষ্ক্রণ	The generator room smaller than the required size \(\begin{align*} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
ক্যাপ আইটেম ক্যাটাগরি	

	Draduce design drawings to demonstrate the incorporation of fire rated enclosure
কাৰ্যক্ৰম	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.
সুপারিশের তথ্যসূত্র	
কারখানার কার্বক্রম	Generator room size & segregation issue not solve yet & rest of the issues resolved.
<u>অগ্রাধিকার</u>	৬ সপ্তাহ
চুডান্ত সমর্মীমা	\$b-0b-20\$9
সংশোধিত সম্বসীমা	o ७ − o b − ₹ o ₹ ₹
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 31/08/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. No fire rated door installed for the generator room 2. Fire fighting equipment found for the generator room 20-10-2020 1. No fire rated door installed for the generator room 2. Fire fighting equipment found for the generator room 23-08-2021: 1. No fire rated door installed for the generator room 2. Fire fighting equipment found for the generator room

পরিদর্শন পর্ববেষ্ফণ	The generator room smaller than the required size \(\begin{align*} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
ক্যাপ আইটেম ক্যাটাগরি	

.১. কাৰ্যক্ৰ	1
কাৰ্যক্ৰম	Provide fire rated enclosure from floor to ceiling and an approved fire rated selfclosing swing door for the Generator room [] Install large volume diesel storage tank with appropriate separation [] Install generator on the ground floor [] Install appropriate detectors.
সুপারিশের তখ্যসূত্র	
	We install dectector in the required location.
<u>অগ্রা</u> খিকার	৬ মাস
চুড়ান্ত সমশ্বসীমা	5B-55-2059
সংশোধিত সমশ্বসীমা	<i>₹€</i> − <i>\$₹</i> − <i>₹</i> 0 <i>₹</i> ₹
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 24/01/16 Final Timeline: 18/11/2017. They have taken some action and they agreed to complete within the timeline. CCV Date: 13-07-2020 1. No fire rated door installed for the generator room 2. Oil storage tank have been removed from the generator room 3. Generator is found to be on the ground floor 4. No appropriate detector observed for the generator room 20-10-2020 1. No fire rated door installed for the generator room 2. Oil storage tank have been removed from the generator room 3. Generator is found to be on the ground floor 4. No appropriate detector observed for the generator room 23-08-2021: 1. No fire rated door installed for the generator room 2. Oil storage tank have been removed from the generator room 3. Generator is found to be on the ground floor 4. No appropriate detector observed for the generator room

পর্যবেষ্ <u>ক</u> ণ	The generator room smaller than the required size \(\begin{align*} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
ক্যাপ আইটেম ক্যাটাগরি	

401-21-AV 91	Remove Combustible materials from generator room. $\ \square$ Provide cover on the cable trench
সুপারিশের তখ্যসূত্র	
কার্থানার কার্বক্রম	We will remove combustible material from generator room.
<u> অগ্রা</u> খিকার	প্র্যোগ্য নয়
চুডান্ত সমশ্বসীমা	\$b-0b-20\$9
সংশোধিত সময়সীমা	07-07-7940
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 24/01/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. No combustible material found inside the generator room 2. Cable trench/drain have not been installed in the generator room where cables are laid half hazardly without proper cable laying techniques 20-10-2020 1. No combustible material found inside the generator room 2. Cable trench/drain have not been installed in the generator room where cables are laid half hazardly without proper cable laying techniques 23-08-2021: 1. No combustible material found inside the generator room 2. Cable trench/drain have not been installed in the generator room where cables are laid half hazardly without proper cable laying techniques

পরিদর্শন পর্ববেষ্ক্রণ	Access to substation not easy Ventilation and illumination of substation is poor Separating wall not extended up to the ceiling No clear identification mark on distribution panel No instruction for first aid to electrical shock and artificial respiration Non-conductor mat not provided Electric cables do not pass through service shaft or insulated conduits
ক্যাপ আইটেম ক্যাটাগরি	

.১. কার্বজন	
কাৰ্যক্ৰম	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. Provide clear identification mark on distribution panel.
সুপারিশের তখ্যসূত্র	
কারখানার কার্বক্রম	We will complete these issue within the timeline.
অগ্রাধিকার	৬ সম্ভাহ
চুডান্ড সমশ্বসীমা	\$b-0b-20\$9
সংশোধিত সময়সীমা	o & - o b - 2 o 2 2
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 04/09/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. Design drawing for fire separation and self closing fire rated door was found for the substation room 2. No clear identification mark found for any distribution boards 20-10-2020 1. Design drawing for fire separation and self closing fire rated door was found for the substation room 2. No clear identification mark found for any distribution boards 23-08-2021: 1. Design drawing for fire separation and self closing fire rated door was found for the substation room 2. No clear identification mark found for any distribution boards

পরিদর্শন পর্ববেষ্ষণ	Access to substation not easy Ventilation and illumination of substation is poor Separating wall not extended up to the ceiling No clear identification mark on distribution panel No instruction for first aid to electrical shock and artificial respiration Non-conductor mat not provided Electric cables do not pass through service shaft or insulated conduits
ক্যাপ আইটেম ক্যাটাগরি	

কাৰ্যক্ৰম	Provide fire rated enclosure from floor to ceiling and an approved fire rated selfclosing swing door for the Substation room. I Install appropriate detectors
সুপারিশের তথ্যসূত্র	
কারখীনার কার্বক্রম	We install dectector in the required location.
অগ্রাধিকার	৬ মাস
চুডান্ড সমশ্রসীমা	2F-77-507d
সংশোধিত সময়সীমা	5&-?5-5055
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 04/09/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. Design drawing for fire separation and self closing fire rated door was found for the substation room 2. Appropriate detector found for the substation room 20-10-2020 1. Design drawing for fire separation and self closing fire rated door was found for the substation room 2. Appropriate detector found for the substation room 23-08-2021: 1. Design drawing for fire separation and self closing fire rated door was found for the substation room 2. Appropriate detector found for the substation room

৯. পর্ববেষ্ফণ

পরিদর্শন পর্ববেষ্ক্রণ	Access to substation not easy Ventilation and illumination of substation is poor Separating wall not extended up to the ceiling No clear identification mark on distribution panel No instruction for first aid to electrical shock and artificial respiration Non-conductor mat not provided Electric cables do not pass through service shaft or insulated conduits
ক্যাপ আইটেম ক্যাটাগরি	

কাৰ্যক্ৰম	Remove combustible materials from substation. Left Ensure accessibility and ventilation to substation of Provide instructions for first aid and artificial respiration from exposure to electrical shock
সুপারিশের তখ্যসূত্র	
কারখানার কার্যক্রম	Our rubber mat doesn! t comply with the standard and we have given artificial respiration in different location but not proper location. We will complete all the non conformities within timeline.
অগ্রাধিকার	প্রব্যোগ্য নয়
চুডান্ড সময়সীমা	\$b-0b-20\$9
সংশোধিত সময়সীমা	07-07-7940
অগ্রগতির অবস্থা	সংশোধিত
মন্ত ব্য	Previous timeline: 04/09/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. No combustible materials found for the substation room 2. Substation room is found to be easily accessible and have adequate cross ventilation system 3. No instruction board for artificial respiratory system from exposure to electrical shock found 20-10-2020 1. No combustible materials found for the substation room 2. Substation room is found to be easily accessible and have adequate cross ventilation system 3. No instruction board for artificial respiratory system from exposure to electrical shock found 23-08-2021: 1. No combustible materials found for the substation room 2. Substation room is found to be easily accessible and have adequate cross ventilation system 3. No instruction board for artificial respiratory system from exposure to electrical shock found

পরিদর্শন পর্শবেষ্ডণ	No instruction for first aid to electrical shock \square Connection without lug \square Undressed messy wire inside \square Body \otimes door not earthed \square No clear identification mark on distribution board
ক্যাপ আইটেম ক্যাটাগরি	

০.১. কাৰ্যক্ৰম	
কাৰ্যক্ৰম	Provide earthing to body & door. Provide clear identification mark on distribution board.
সুপারিশের তখ্যসুত্র	
কার্থানার কার্বক্রম	We will complete all the non conformities within timeline.
অগ্রাধিকার	৬ সপ্তাহ
চুডান্ড সমশ্বসীমা	\$b-0b-20\$9
সংশোধিত সময়সীমা	o ⋈ − o ษ − २ o २ २
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 04/09/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. Distribution boards have earthing on body but door were not grounded with the distribution board 2. Clear identification were not found for the distribution boards 20-10-2020 1. Distribution boards have earthing on body but door were not grounded with the distribution board 2. Clear identification were not found for the distribution boards 23-08-2021: 1. Distribution boards have earthing on body but door were not grounded with the distribution board 2. Clear identification were not found for the distribution boards

পরিদর্শন পর্ববেষ্কণ	No instruction for first aid to electrical shock \(\begin{align*} \text{Connection without lug } \begin{align*} \text{Undressed} \\ \text{messy wire inside } \begin{align*} \text{Body } \& \text{door not earthed } \begin{align*} \text{No clear identification mark on} \\ \text{distribution board} \end{align*}
ক্যাপ আইটেম ক্যাটাগরি	

১.১. কাৰ্যত্ৰ	ম
কাৰ্যক্ৰম	Provide instructions for first aid from exposure to electrical shock Ensure well-dressed cabling with lugs
সুপারিশের তখ্যসূত্র	
কার্থানার কার্বক্রম	We will complete all the non conformities within timeline.
অগ্রাধিকার	প্রব্যোগ্য নয়
চুডান্ড সমশ্রসীমা	\$b-0b-20\$9
সংশোধিত সময়সীমা	02-02-2290
অগ্রগতির অবস্থা	সংশোধিত
ম ন্তব্য	Previous timeline: 04/09/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. Instruction boards for electric shock recuperation 2. Cables were well dressed but electric cables were connected to circuit breaker without appropriate sized lugs 20-10-2020 1. Instruction boards for electric shock recuperation 2. Cables were well dressed but electric cables were connected to circuit breaker without appropriate sized lugs 23-08-2021: 1. Instruction boards for electric shock recuperation 2. Cables were well dressed but electric cables were connected to circuit breaker without appropriate sized lugs

পৰিদৰ্শন Electric cables do not pass through service shaft or insulated conduits \(\text{Connections} \) প্ৰবিষ্ণন without lug \(\text{Undressed messy wiring/cables} \) ক্যাপ জাইটেম ক্যাটাগৰি

২.১. কাৰ্যত্ৰ	ञ
কাৰ্যক্ৰম	Provide service ducts or insulated conduits Ensure secured connections with lug Replace undressed messy wiring/cables
সুপারিশের তথ্যসূত্র	
কার্থানার কার্যক্রম	We will complete all the non conformities within timeline.
অগ্রাধিকার	৬ সপ্তাহ
চুডান্ড সময়সীমা	\$b-0b-20\$9
সংশোধিত সময়সীমা	o ⋈ − o ษ − २ o २ २
অগ্রগতির অবস্থা	সংশোধিত
মন্তব্য	Previous timeline: 04/09/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 1. Electric cables were passed through insulated PVC conduit from ground floor to the upper floors 2. Electric cables were not secured properly with appropriate sized lugs when connected the circuit breaker or bus bar 3. Cables were found well dressed cables inside the distribution boards but in generator room cables were found hanging without proper mechanical support 20-10-2020 1. Electric cables were passed through insulated PVC conduit from ground floor to the upper floors 2. Electric cables were not secured properly with appropriate sized lugs when connected the circuit breaker or bus bar 3. Cables were found well dressed cables inside the distribution boards but in generator room cables were found hanging without proper mechanical support 23-08-2021: 1. Electric cables were passed through insulated PVC conduit from ground floor to the upper floors 2 Electric cables were not secured properly with appropriate sized lugs when connected the circuit breaker or bus bar 3. Cables were found well dressed cables inside the distribution boards but in generator room cables were found hanging without proper mechanical support

পরিদর্শন পর্শবেষ্ <u>ড</u> ণ	Lightning protection system not available
ক্যাপ আইটেম ক্যাটাগরি	į

কাৰ্যক্ৰম	Provide appropriate Lightning protection system.
সুপারিশের তখ্যসূত্র	
কাৰ্যক্ৰম	We have lighting protection system but it doesn! t comply with the standard. We will complete a design drawing and install LPS according to the approved drawing.
<u> অগ্রাধিকার</u>	৬ মাস
চুডান্ত সময়সীমা	2p-22-2029
সংশোধিত সময়সীমা	\$&-?\$-\$0\$\$
অগ্রগতির অবস্থা	সংশোধিত
মন্ত ব্য	Previous timeline: 04/09/16 Final Timeline: 18/08/2017. Initiative has not taken yet but factory personnel agreed to implement within timeline. CCV Date: 13-07-2020 They have installed the lightning protection system on the roof of the building according to NFPA guideline 20-10-2020 They have installed the lightnin protection system on the roof of the building according to NFPA guideline. 23-08-2021: They have installed the lightning protection system on the roof of the building according to NFPA guideline.