

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

"সুস্থ শ্রমিক, শোতন কর্মপরিবেশ; াড়ে জুলবে স্মার্ট বাংলাদেশ"

ক্যাপ পর্ববেষ্ফণের তথ্য

কারখানার নাম	গ্ৰীণ ওয়াৰ্ল্ড ফাাশন লিঃ
ঠিকানা	30, Shahid Capt. Mansur Ali Swarani, Baro Maghbazar, Dhaka
কারখানার কোড	DHK237
কালার কোড	

গ: বৈঘুতিক সুল্যারন	পর্ববেষ্ফণের তারিখ: 🕒
ন	
connection) of burning sign and take proper ac equipment where necessary.	
Completed	
প্রযোগ্য নর	
20-08-20%	
07-07-790	
শুৰু হৰ্যনি	
for cause of burn and take necessary remediati 20/11/2018 Same as above observation 30-09 insde the distribution boards 19-12-2019 Same Visit Observation:Burning sign is observed at called Burning sign is observed at cables inside seve	on againts potential hazards -2019 No Burning sign were found as above observation. 09-11-2020 able inside panel board 11-02-2021: ral panel boards. 09-08-2021:
	Completed প্রেল্যে ন্য ২০-০৬-২০১৬ ১৯-০১-১৯৭০ শুৰু হ্যনি 16-10-2018 Burning sign observed. Consult an for cause of burn and take necessary remediati 20/11/2018 Same as above observation 30-09 insde the distribution boards 19-12-2019 Same Visit Observation:Burning sign is observed at caburning sign is observed at cables inside seve Burning sign is observed at termination points of

পরিদর্শন পর্ববেষ্ক্রণ	Temperature differences greater than 40°C were observed based on comparisons between component and ambient air temperatures. Probable causes are loose connection, over loading, multi cable at single point, rusted connection, use of improper lug, improper cable joint, improper cable bending, damage insulation, internal problem etc.
ক্যাপ আইটেম ক্যাটাগরি	

	Males are solded as not provided at a respective to the sold of th
কাৰ্বক্ৰম	Make sure cables are not overloaded, properly terminated using proper lug, joints are made proper way, no rusted throughout the connection, proper cable bending, no insulation damage, single cable at single point etc. to avoid temperature rise. If necessary consult with a qualified engineer and replace cable or equipment.
সুপারিশের তখ্যসূত্র	
কার্য্থানার কার্যক্রম	We will consult a engineering firm to carry out this issue very soon.
অগ্রাধিকার	প্রযোগ্য নয়
চুডান্ড সময়সীমা	₹०-०७-₹०%७
সংশোধিত সময়সীমা	07-07-7940
অগ্রগতির অবস্থা	শুৰু হৰ্মনি
মন্তব্য	16–10–2018 They have contacted with the enlisted farm to establish thermographic scanning test and report 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:They have contacted with the enlisted farm to establish thermographic scanning test and report 11–02–2021: Updated Thermographic scanning report is not available at site. 09–08–2021: Updated Thermographic scanning report is not available at site.

পরিদর্শন পর্ববেষ্ড	The generator is not earthed.
ক্যাপ আইটেম ক্যাটাগরি	ī

কাৰ্যক্ৰম	Provide two separate and distinct connections of earthing for the generator.
সুপারিশের তখ্যসূত্র	
কারখানার কার্যক্রম	we will consult a engineering firm to carry out this issue.
<u>অগ্রা</u> ধিকার	১ সপ্তাহ
চুডান্ড সময়সীমা	20-06-2026
সংশোধিত সমশ্বসীমা	22-04-5055
অগ্রগতির অবস্থা	শুৰু হ্ৰ্য়নি
মন্তব্য	16–10–2018 Body earhing of the generator were found inadequate in size according to NTPA table 4.5 and ECC connected at only one point of the frame 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Body earhing of the generator were found inadequate in size according to NTPA table 4.5 and ECC connected at only one point of the frame 11–02–2021: The generator bosy is earthed at one point only. 09–08–2021: The generator bosy is earthed at one point only.

পরিদর্শন পর্ববেষ্কণ	Distribution boards (including panel door) are not properly grounded.
ক্যাপ আইটেম ক্যাটাগরি	

কাৰ্যক্ৰম	Ensure all distribution boards (including panel door) are earthed properly using appropriate type and size of cables and the earthing cables have continuity up to main earthing pit.
সুপারিশের তখ্যসূত্র	
কার্থানার কার্যক্রম	We are under process to carry out this issue.
<u>অগ্রা</u> ধিকার	১ সপ্তাহ
চুড়ান্ত সমশ্রসীমা	20-06-2036
সংশোধিত সমশ্রসীমা	27-0d-5055
অগ্রগতির অবস্থা	শুৰু হ্ৰানি
মন্তব্য	16–10–2108 Distribution boards were not properly grounded in some panel boards and panel door earthing are not found properly 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Distribution boards (including panel door) are not properly grounded. 11–02–2021: No earhting bar is found inside the panel boards. 09–08–2021: Distribution boards (including panel door) are not properly grounded.

পরিদর্শন পর্ববেষ্ফণ	Un–terminated cables are found inside distribution boards.
ক্যাপ আইস্টেম	
আহডেশ ক্যাটাগরি	

কাৰ্যক্ৰম	Isolate/make safe all unused cables first and then remove from distribution boards. If necessary make sure cables are properly terminated at its point of termination using appropriate size and type of lug.
সুপারিশের তখ্যসূত্র	
কারখানার কার্যক্রম	Completed
অগ্রাধিকার	১ সপ্তাহ
চূডান্ত সময়সীমা	₹०-०७-₹०\$७
সংশোধিত সময়সীমা	22-04-5055
অগ্রগতির অবস্থা	শুরু হ্বানি
মন্তব্য	16–10–2018 No unterminated cables found inside the distribution boards 20/11/2018 Same as above observation 30–09–2019 Same as above obsevation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:Un–terminated cables are found inside distribution boards. 11–02–2021: Unterminated cables are seen inside distribution boards. 09–08–2021: Unterminated cables are seen inside distribution boards.

পরিদর্শন	Circuits are drawn for loads without the incorporation of an overcurrent protection
পর্ববেষ্ণণ	device.
ক্যাপ	
আইটেম	
ক্যাটাগরি	

কাৰ্শক্ৰম	Ensure overcurrent protection device (circuit breaker/fuse) for each circuit/branch circuit.
সুপারিশের তথ্যসূত্র	
কার্থানার কার্বক্রম	We are under process to carry out all the electrical non–compliance issue by a engineering firm.
অগ্রাধিকার	১ সপ্তাহ
চুডান্ত সময়সীমা	20-08-2038
সংশোধিত সময়সীমা	27-04-5055
অগ্রগতির অবস্থা	চলমাল
মন্ত ব্য	16–10–2018 Loads drawn directly from the busbar without any corporation of any protection device in some distribution boards 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:Loads drawn directly from the busbar without any corporation of any protection device in some distribution boards 11–02–2021: Loads drawn directly from the busbar without any corporation of any protection device in some distribution boards. 09–08–2021: Loads drawn directly from the busbar without any corporation of any protection device in some distribution boards.

পরিদর্শন পর্ববেষ্কণ	Distribution boards are not free of dirt.
ক্যাপ আইটেম ক্যাটাগরি	

কাৰ্শক্ৰম	Isolate the panel from the electrical service and clean interior components from dust. Seal all openings within the enclosure to prevent dust and debris from entering.
সুপারিশের	
<u>ভি</u> খ্যসূত্র	
কারখানার	Consolistad
কাৰ্যক্ৰম	Completed
<u>অগ্রা</u> খিকার	চলছে
চুড়ান্ত	
সময়সীমা	₹0-0%-₹0%%
সংশোধিত	02-02-2290
সময়সীমা	03-03-3040
<u>অগ্রগতির</u>	চলমান
<u>অবস্থা</u>	
	16-10-2018 Lints and dust found inside the distribution boards 20/11/2018 Same
	as above observation 30-09-2019 Same as above obsevation 19-12-2019 Same
মন্তব্য	as above obsevation 09-11-2020 Visit Observation: Distribution boards are not
	free of dirt. 11–02–2021: Most of the boards are dirt free. 09–08–2021: Some
	distribution boards are not free of dirt.

পরিদর্শন	Earthing systems have provision for periodical inspection but inspection is not done till
পর্ববেষ্ফণ	now.
ক্যাপ	
<u>আইটেম</u>	
ক্যাটাগরি	

.১. কাৰ্যক্ৰম	
কাৰ্যক্ৰম	Ensure inspection of all earthing systems is being completed and documented.
সুপারিশের তথ্যসূত্র	
কারখীনার কার্বক্রম	We are under process to carry out all the electrical non-compliance issue by a engineering firm.
অগ্রাধিকার	চলছে
চুডান্ড সময়সীমা	₹०-०७-₹०%७
সংশোধিত সময়সীমা	07-07-7940
অগ্রগতির অবস্থা	শুৰু হৰ্মনি
ম ন্তব্য	16–10–2018 No periodical inspection have been documented for the system earthing 20/11/2018 Same as above observation 30–09–2019 Same as above obsevation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:No periodical inspection have been documented for the system earthin 11–02–2021: No periodical inspection have been documented for the system earthing. 09–08–2021: No periodical inspection have been documented for the system earthing.

	Required safety signage, fire-fighting equipment, rubber mats, etc. are not kept at
পর্ববেষ্ণণ	required locations.
ক্যাপ	
<u>আইটেম</u>	
ক্যাটাগরি	

গার্ভাগার	
১. কাৰ্যক্ৰ	
কাৰ্যক্ৰম	Install appropriate number and type of safety signage and fire–fighting equipment at generator room. Also ensure graded rubber mats are provided in front of all distribution boards.
সুপারিশের তথ্যসূত্র	
কার্য্থানার কার্যক্রম	Completed
<u>অগ্রাধিকার</u>	প্রব্যোগ্য নয়
চুডান্ড সময়সীমা	२६-०१-२०%७
সংশোধিত সময়সীমা	%€-0B-2022
অগ্রগতির অবস্থা	শুৰু হ্ৰানি
মন্তব্য	16–10–2018 Proper Insulated rubber mats are not placed infront of the distribution boards as well safety signage are not provided properly at required places 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Proper Insulated rubber mats are not placed infront of the distribution boards as well safety signage are not provided properly at required places 11–02–2021: Proper Insulated rubber mats are not placed infront of the distribution boards as well safety signage are not provided properly at required places 09–08–2021: Proper Insulated rubber mats are not placed infront of the distribution boards as well safety signage are not provided properly at required places

পরিদর্শন পর্শবেষ্ <u>ষ</u> ণ	Generator room does not have adequate illumination level.
ক্যাপ আইটেম	
ক্যাটাগার	[

কাৰ্যক্ৰম	Ensure in the generator room, all working place, exit light and escape light have adequate illumination level as per standard.
সুপারিশের তখ্যসূত্র	
কার্থানার কার্যক্রম	Completed
অগ্রাধিকার	প্রযোগ্য নয়
চুডান্ত সময়সীমা	२ ६ – ० १ – २ ० % ७
সংশোধিত সময়সীমা	%€-0B-2022
অগ্রগতির অবস্থা	শুৰু হৰ্মনি
মন্তব্য	16–10–2018 Illumination is found low at the generator room 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Generator room does not have adequate illumination level. 11–02–2021: Illumination is found inadequate at the generator room. 09–08–2021: Illumination is found inadequate at the generator room.

পরিদর্শন	Instruction boards for first aid and artificial respiration are not located in the generator
পর্ববেষ্ণণ	room.
ক্যাপ	
<u>আইটেম</u>	
ক্যাটাগরি	

কাৰ্যক্ৰম	Provide Instruction board for first aid and artificial respiration in the generator room.
সুপারিশের তখ্যসূত্র	
কার্থানার কার্বক্রম	Completed
	প্রযোগ্য নয়
চুডান্ড সময়সীমা	₹\$-09-₹0 %
সংশোধিত সময়সীমা	%€-0₽-3033
অগ্রগতির অবস্থা	শুৰু হুৰ্যনি
ম্ গুৰ্য	16–10–2018 First and artificial respiration instruction boards are not found near some panel boards 20/11/2018 Same as above observation 30–09–2019 Same as above obsevation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:First and artificial respiration instruction boards are not found near some panel boards 11–02–2021: First and artificial respiration instruction boards are not found near any of the panel boards. 09–08–2021: First and artificial respiration instruction boards.

পরিদর্শন পর্ববেষ্কণ	Distribution boards do not have a minimum clearance.
ক্যাপ্	
<u>আইটেম</u>	
ক্যাটাগার	

কাৰ্যক্ৰম	Ensure distribution boards have a minimum clearance of 1 m (39 in) in front.
<u>শ্বাক্রণ</u> সুপারিশের তথ্যসূত্র	Elisare distribution boards have a minimum electronice of File (35 m) in none.
কারখানার কার্যক্রম	Completed
<u> অগ্রাধিকার</u>	প্রবোগ্য ন্য
চুডান্ত সমশ্বসীমা	२ ६ – ० १ – २ ० % ७
সংশোধিত সময়সীমা	%€-0₽-5055
অগ্রগতির অবস্থা	চলমান
মন্তব্য	16–10–2018 Obstruction found infront of the panel boards 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Distribution boards do not have minimum clearance. 11–02–2021: Most of the distribution boards do not have a minimum clearance. 09–08–2021: Most of the distribution boards do not have a minimum clearance.

পরিদর্শন	Each circuit is not provided with a dedicated earthing. There is no marking to identify
পর্ববেষ্ণণ	earthing cable for specified circuit.
ক্যাপ	
<u>আইটেম</u>	
ক্যাটাগরি	

৩.১. কাৰ্যত্ৰ	ুম
কাৰ্শক্ৰম	Provide dedicated & adequate size of earthing with proper identification for each circuit and ensure continuous earth path is back to main building intake.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We are under process to carry out all the electrical non-compliance issue by a engineering firm.
অগ্রাধিকার	প্রব্যোজ্য নর
চুডান্ড সময়সীমা	₹%-09-₹0%%
সংশোধিত সময়সীমা	26-0P-5055
অগ্রগতির অবস্থা	শুৰু হ্ৰাণি
মন্তব্য	16–10–2018 Dedicated earthing were not found for each circuit breaker and identification mark of earth cable for specified circuit are not provided 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation: Dedicated earthing were not found for each circuit breaker and identification mark of earth cable for specified circuit are not provided 11–02–2021: The distribution boards don't have any earthing bars. 09–08–2021: Each circuit is not provided with a dedicated earthing. There is no marking to identify earthing cable for specified circuit.

	Looping of cables at circuit breakers and multiple connections of cables at bus-bar
পর্ববেষ্ণণ	terminal and circuit breaker terminal are observed within distribution boards.
ক্যাপ	
আইটেম	
ক্যাটাগরি	

কাৰ্যক্ৰম	Rewire to i) Ensure each incoming supply to an MCB/MCCB has a dedicated supply from busbar.ii) Avoid the use of multiple cables on outgoing side of MCB[]s/MCCB[]s.
সুপারিশের তথ্যসূত্র	
কার্থানার কার্বক্রম	Completed
<u>অগ্রা</u> ধিকার	প্র্যোগ্য নয়
চুডান্ত সময়সীমা	२ ६ – ० १ – २ ० % ७
সংশোধিত সময়সীমা	\$€-0B-₹0₹₹
অগ্রগতির অবস্থা	শুৰু হৰ্মনি
মন্তব্য	16–10–2018 Looping and multiple cables found at terminals of MCB's and MCCB's 20/11/2018 Same as above observation 30–09–2019 Same as above obsevation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:Looping of cables at circuit breakers and multiple connections of cables at bus–bar terminal and circuit breaker terminal are observed within distribution boards. 11–02–2021: Looping of cables is seen in all the distribution boards. Most of the boards don't have any bus bar. 09–08–2021: Looping of cables is seen in all the distribution boards. Most of the boards don't have any bus bar.

পরিদর্শন পর্ববেষ্ডণ	Wooden bases used for mounting circuit breaker and cutout.
ক্যাপ আই্টেম্	
ক্যাডাগার	

কাৰ্যক্ৰম	Replace wooden bases with metal clad construction for mounting circuit breaker and cutout.
সুপারিশের তথ্যসূত্র	
	We are under process to carry out all the electrical non-compliance issue by a engineering firm.
অগ্রাধিকার	প্র্যোগ্য ন্য
চুডান্ড সময়সীমা	₹ 6 - 0 9 - ₹ 0 \$ \$
সংশোধিত সময়সীমা	?. 6 − 0 ₽ − 5 0 5 5
অগ্রগতির অবস্থা	শুৰু হৰ্মনি
মন্ত ব্য	16–10–2018 Wooden base for mounting circuit breaker, fuses and switchboards found around factory premesis 20/11/2018 Same as above observation 30–09–2019 Same as above obsevation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:Wooden base for mounting circuit breaker, fuses and switchboards found around factory premesis 11–02–2021: Wooden base for mounting circuit breaker, fuses and switchboards found around factory premesis. 09–08–2021: Wooden base for mounting circuit breaker, fuses and switchboards found around factory premesis.

পরিদর্শন পর্শবেষ্কণ	Electrical cables are not sized according to capacity of circuit breakers.
ক্যাপ	
শাহডেম ক্যাটাগরি	r

৬.১. কাৰ্যক্ৰ	ম
কাৰ্শক্ৰম	Consult with a qualified electrical engineer and ensure all electrical cables are sized according to capacity of circuit breakers.
সুপারিশের	
ভ৾খ্যসূত্র	
কার্খানার	We are under process to carry out all the electrical non–compliance issue by a
কাৰ্যক্ৰম	engineering firm.
<u>অগ্রা</u> খিকার	প্রবোগ্য ন্য
চুডান্ড সময়সীমা	₹ 6 - 0 9 - ₹ 0 % %
সংশোধিত সমশ্রসীমা	%€-0B-2022
অগ্রগতির অবস্থা	শুরু হ্রানি
মন্তব্য	16–10–2018 Higher rated breakers are found in distribution boards 20/11/2018 Same as above observation 30–09–2019 Same as above obsevation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation: Higher rated breakers are found in distribution boards 11–02–2021: Higher rated breakers are found in distribution boards. 09–08–2021: Higher rated breakers are found in distribution boards.

পরিদর্শন পর্শবেষ্ডণ	Mechanical guards are not provided for sewing machines.
ক্যাপ্	
আই(টম	
ক্যাভাগার	

৭.১. কাৰ্যক্ৰ	
1.0. 1114	<u> </u>
কাৰ্শক্ৰম	Provide adequate support or mechanical guards for electrical equipment where necessary.
সুপারিশের তখ্যসূত্র	
কারখানার কার্বক্রম	We are under process to carry out all the electrical non–compliance issue by a engineering firm.
অগ্রাধিকার	প্রব্যোগ্য নয়
চুডান্ড সমশ্বসীমা	२६-०१-२०५७
সংশোধিত সময়সীমা	%€-0B-5055
অগ্রগতির অবস্থা	শুৰু হ্ৰানি
মন্ত ব্য	16–10–2018 Some wirings are found hanging which are need to properly supported and clamped and some sewing machine are found without cover belt 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Some wirings are found hanging which are need to properly supported and clamped and some sewing machine are found without cover belt 11–02–2021: Some wirings are found hanging which are need to properly supported and clamped and sewing machine are found without cover belt. 09–08–2021: Some wirings are found hanging which are need to properly supported and clamped and sewing machine are found without cover belt.

পরিদর্শন পর্শবেষ্ষণ	Cables joints are not made in proper way.
ক্যাপ আইটেম ক্যাইগুরি	

৮.১. কাৰ্যক্ৰ	भ
কাৰ্বক্ৰম	Ensure cable joints are made through porcelain/PVC connectors with PIB tape wound around joint in respect of conductivity, insulation and mechanical strength.
সুপারিশের তখ্যসূত্র	
কার্য্থানার কার্যক্রম	Rest of the work will be done soon.
অগ্রাধিকার	প্রবোজ্য ন্য
চুডান্ড সমশ্রসীমা	₹ € - ○ 9 - ₹ ○ \$ ₺
সংশোধিত সময়সীমা	%€-0B-₹0₹₹
অগ্রগতির অবস্থা	শুৰু হৰ্বনি
মন্তব্য	16–10–2018 Some cable joints are found made in improper way 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Some cable joints are found made in improper way 11–02–2021: Improper cable joints are seen inside all the distribution boards. 09–08–2021: Improper cable joints are seen inside all the distribution boards.

পরিদর্শন	Metal in the building (water pipe, metal rebar in concrete, cable channel) is not
পর্ববেষ্ণণ	connected to the building earthing system.
ক্যাপ	
<u>আইটেম</u>	
ক্যাটাগরি	

১.১. কাৰ্যত্ৰ	ρ Ν
কাৰ্যক্ৰম	Connect all metal in the building to the building earthing system such as water pipe, metal rebar in concrete, cable channel etc.
সুপারিশের তখ্যসূত্র	
কার্থানার কার্বক্রম	Under going process.
<u>অগ্রাখিকার</u>	প্রযোগ্য নর
চুডান্ড সময়সীমা	₹%-09-₹0%₺
সংশোধিত সময়সীমা	\$€-0B-2022
অগ্রগতির অবস্থা	শুৰু হৰ্যনি
ম ন্ডব্য	16–10–2018 Some water pipes and cable channels are not grounded properly 20/11/2018 Same as above observation 30–09–2019 Same as above obsevation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:Some wate pipes and cable channels are not grounded properly 11–02–2021: Cable channels, metal rebars and water pipes are not grounded. 09–08–2021: Cable channels, metal rebars and water pipes are not grounded.

পর্যবেষ্ক্রণ 	Temperature differences of 21°C to 40°C were observed based on comparisons between component and ambient air temperatures Probable causes are loose connection, over loading, multi cable at single point, rusted connection, use of improper lug, improper cable joint, improper cable bending, damage insulation, internal problem etc.
ক্যাপ আইটেম ক্যাটাগরি	

কাৰ্যক্ৰম	Make sure cables are not overloaded, properly terminated using proper lug, joints are made proper way, no rusted throughout the connection, proper cable bending, no insulation damage, single cable at single point etc. to avoid temperature rise. If necessary consult with a qualified engineer and replace cable or equipment.
সুপারিশের তখ্যসূত্র	
কারখীনার কার্বক্রম	We are under process to carry out all the electrical non–compliance issue by a engineering firm.
অগ্রাধিকার	প্রবোজ্য লয়
চুডান্ত সময়সীমা	₹%-09-₹0%&
সংশোধিত সময়সীমা	26-0P-5055
অগ্রগতির অবস্থা	শুৰু হ্ৰাণি
ম ন্তব্য	16–10–2018 They have contacted with the enlisted farm to establish thermographic scanning test and report 20/11/2018 Same as above observation 30–09–2019 Same as above obsevation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:They have contacted with the enlisted farm to establish thermographic scanning test and report 11–02–2021: No updated thermographic scanning report is seen in the factory. 09–08–2021: No updated thermographic scanning report is seen in the factory.

২১. পর্ববেষ্ফণ

পরিদর্শন পর্শবেষ্ <u>ড</u> ণ	Electrical single line and layout diagrams are not available.
ক্যাপ আইস্ট্রেয়	
সাহডেশ ক্যাটাগরি	r

কাৰ্যক্ৰম	Have a qualified electrical engineer to develop an electrical layout diagram and an as-built single line diagram detailing key components and capacity of the electrical system.
সুপারিশের তখ্যসূত্র	
কাৰ্যক্ৰম	We are under process to carry out all the electrical non–compliance issue by a engineering firm.
<u>অগ্রা</u> খিকার	৬ মাস
চুডান্ড সমশ্রসীমা	7.0-75-507.6
সংশোধিত সমশ্রসীমা	08-0%-2020
অগ্রগতির অবস্থা	শুৰু হ্বানি
মন্তব্য	16–10–2018 They have contacted with the enlisted farm for SLD and ELD 20/11/2018 Same as above observation 30–09–2019 They have submitted the SLD and ELD to DIFE and waiting for approval before initiating the remedial work 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Electrical single line and layout diagrams are not available. 11–02–2021: Electrical single line and layout diagrams are not available. 09–08–2021: Electrical single line and layout diagrams are not available.

পরিদর্শন পর্শবেষ্কণ	Testing and inspection of insulation and earth resistance are not done.
ক্যাপ আইটেম ক্যাটাগরি	

কাৰ্শক্ৰম	Establish a periodical Insulation and earth Resistance Measurement Program and record the related testing data. Also ensure that insulation resistance of power cable and earth pit resistance are $ >=5 $ M $ =100 $ respectively.
সুপারিশের তখ্যসূত্র	
কাৰ্যক্ৰম	We are under process to carry out all the electrical non–compliance issue by a engineering firm.
অগ্রাধিকার	৬ মাস
চুডান্ড সময়সীমা	7@-75-507A
সংশোধিত সময়সীমা	08-0%-205/3
অগ্রগতির অবস্থা	শুৰু হ্যানি
মন্তব্য	16–10–2018 They have contacted with the enlisted farm to establish cable insulation and earth test report 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:They have contacted with the enlisted farm to establish cable insulation and earth test report 11–02–2021: No test report is available in the factory. 09–08–2021: Testing and inspection of insulation and earth resistance are not available.

পরিদর্শন পর্ববেষ্ডণ	The electrical panel boards are not inspected.
ক্যাপ্	
আইটেম	
<u>ক্যাভাগার</u>	

৩.১. কার্যত্র	<u>ন্</u> ষ
কাৰ্যক্ৰম	Inspect electrical panel boards on an annual basis to ensure that the equipment is in good working condition.
সুপারিশের তথ্যসূত্র	
কার্থানার কার্বক্রম	Junder going process.
অগ্রাধিকার	৬ মাস
চুডান্ড সময়সীমা	2/@-22-202/B
সংশোধিত সময়সীমা	08-0%-2039
অগ্রগতির অবস্থা	শুৰু হ্ৰানি
মন্তব্য	16–10–2018 Periodical inspection for panel boards are not maintained annual basis and no document found regarding it 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:The electrical panel boards are not inspected. 11–02–2021: No inspection reprot is available on site. 09–08–2021: No records observed observed for distribution boards.

পরিদর্শন পর্ববেষ্ফণ	Service masts are not provided for the main line fed to COS-1/4th Floor.
ক্যাপ	
পাহ(৬৸ ক্যাটাগরি	,

কাৰ্যক্ৰম	Ensure overhead service connections to a building are achieved with covered conductor and led via roof poles or service masts made of GI pipe at least 38 mm in diameter. Consult with a qualified electrical engineer before completing work.
সুপারিশের তখ্যসূত্র	
কাৰ্যক্ৰম	We are under process to carry out all the electrical non-compliance issue by a engineering firm.
<u> অগ্রা</u> ধিকার	৬ মাস
চুডান্ত সময়সীমা	2/@-25-502B
সংশোধিত সময়সীমা	08-0%-2029
অগ্রগতির অবস্থা	শুৰু হৰ্মনি
মন্তব্য	16–10–2018 No service masts provided for main which is fed to COS–1 at 4th floor according to NTPA 4.4.12 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Service masts are not provided for the main line fed to COS–1/4th Floor. 11–02–2021: No service masts provided for main which is fed to COS-at 4th floor according to NTPA 4.4.12 09–08–2021: No service masts provided for main which is fed to COS–1 at 4th floor according to NTPA 4.4.12

পরিদর্শন	The generator room is located at the ground floor of the factory building but does not
পর্ববেষ্ষণ	have adequate fire separation.
ক্যাপ	
<u>আইটেম</u>	
ক্যাটাগরি	

৫.১. কাৰ্যত্ৰ	ম
কাৰ্যক্ৰম	Ensure the generator room has adequate fire separation from the production area.
সুপারিশের তথ্যসূত্র	
কারখানার কার্শক্রম	We are under process to carry out all the electrical non–compliance issue by a engineering firm.
অগ্রাধিকার	৬ মাস
চুডান্ত সমশ্বসীমা	7.@-75-507.P
সংশোধিত সময়সীমা	08-0%-2059
অগ্রগতির অবস্থা	শুৰু হৰ্যনি
মন্তব্য	16–10–2018 They have contacted with the enlisted farm for fire separation design 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:They have contacted with the enlisted farm for fire separation design 11–02–2021: Generator room does not have any fire separation from rest of the occupancy. 09–08–2021: Generator room does not have any fire separation from rest of the occupancy.

২৬. পর্ববেষ্ফণ

পরিদর্শন
পরিদর্শন পর্শবেষ্ড

As the generator is kept near one side of the wall and due to presence of improperly stored materials, there is no sufficient space available to properly access the generator to perform routine maintenance activities. Note: The generator room size is sufficient.

ক্যাপ আইটেম ক্যাটাগরি

২৬.১. কাৰ্যক্ৰম

O. S. 19 14	
কাৰ্শক্ৰম	Ensure appropriate location and available space of the generator inside generator room in order to properly access the generator to perform routine maintenance activities.
সুপারিশের তথ্যসূত্র	
কারখানার কার্যক্রম	We are under process to carry out all the electrical non–compliance issue by a engineering firm.
অগ্রাধিকার	৬ মাস
চুড়ান্ড সময়সীমা	7.@−7.5−5°7.₽
সংশোধিত সমশ্রসীমা	08-07-505@
অগ্রগতির অবস্থা	শুৰু হ্বনি
মন্তব্য	16–10–2018 Combustible materials were found inside the generator room Generator room does not have appropriate size according to NTPA table–4.4 and this generator room is also used as garage 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation: Combustible materials were found inside the generator room Generator room does not have appropriate size according to NTPA table–4.4 and this generator room is also used as garage 11–02–2021: Combustible materials are found inside the generator room. Generator room does not have appropriate size according to NTPA table–4.4 and this generator room is also used as parking garage. 09–08–2021: Combustible materials are found inside the generator room. Generator room does not have appropriate size according to NTPA table–4.4 and this generator room does not have appropriate size according to NTPA table–4.4 and this generator room is also used as parking garage.

পরিদর্শন	Cable entry and exit points are not properly sealed for the distribution boards. Also
	some places the panel doors have openings.
ক্যাপ	
আইটেম্	
<u>ক্যাটাগরি</u>	

কাৰ্যক্ৰম	Ensure distribution boards have no opening and all live internal components are
সুপারিশের তথ্যসূত্র	concealed properly.
	We are under process to carry out all the electrical non-compliance issue by a engineering firm.
<u>অগ্রা</u> ধিকার	৬ মাস
চুডান্ড সময়সীমা	7@-?5-5076
সংশোধিত সময়সীমা	08-05-2029
অগ্রগতির অবস্থা	শুৰু হৰ্মনি
মন্ত ব্য	16–10–2018 Holes for entry and exit of electric cables inside distribution boardswere not sealed properly. Use cable glands for in/out of electrical cables and seal it properly non flammable substance. 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Holes for entry and exit of electric cables inside distribution boardswere not sealed properly. Use cable glands for in/out of electrical cables and seal it properly non flammable substance. 11–02–2021: Openings are seen inside all the distribution boards. 09–08–2021: Cable entry and exit points are seen inside all the distribution boards.

২৮. পর্ববেষ্ষণ

পরিদর্শন	Each circuit is not provided with a dedicated neutral. There is no marking to identify
পর্ববেষ্ণণ	earthing cable for specified circuit. Besides that provided neutral size is not adequate.
ক্যাপ	
আইটেম	
ক্যাটাগরি	

৮.১. কাৰ্যত্ৰ	/ 1
কাৰ্যক্ৰম	Provide dedicated & adequate size of neutral with proper identification for each circuit.
সুপারিশের তথ্যসূত্র	
কার্থানার কার্বক্রম	We are under process to carry out all the electrical non–compliance issue by a engineering firm.
অগ্রাধিকার	৬ মাস
চুডান্ড সময়সীমা	2/⊚-2/<-2026
সংশোধিত সময়সীমা	08-0%-205@
অগ্রগতির অবস্থা	শুরু হ্রানি
মন্ত ব্য	16–10–2018 Inadequate neutral cable were found for each circuit breaker and also identification of neutral cable for specified circuit were not provided 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Inadequate neutral cable were found for each circuit breaker and also identification of neutral cable fo specified circuit were not provided 11–02–2021: Most of the distribution boards don't have any neutral bus bar. 09–08–2021: Most of the distribution boards don't have any neutral bus bar.

	List and diagram of the circuits are not available for distribution boards. Also there are
পর্ববেষ্ণণ	no means of identification mark for cables.
ক্যাপ	
আইটেম	
ক্যাটাগরি	

গুঢ়াগাৰ	
১.১. কাৰ্যত্ৰ	
<u>७.७. मान्य</u>	
কাৰ্শক্ৰম	Ensure each distribution board is provided with a circuit list indicating current rating of circuit and size of fuse element/ breaker. Also ensure the means of identification (separate color coding, marking tape, tagging, or other approved means) of cable is provided as per circuit list.
সুপারিশের তখ্যসূত্র	
কারখানার কার্বক্রম	We are under process to carry out all the electrical non-compliance issue by a engineering firm.
অগ্রাধিকার	৬ মাস
চুডান্ড সমর্মীমা	2.0-75-50?₽
সংশোধিত সমরসীমা	08-0%-2020
অগ্রগতির অবস্থা	শুৰু হ্ৰ্যনি
মন্তব্য	16–10–2018 No SLD or Wiring diagram/ circuit list is not found in any distribution board. Also electrical wiring/cables (Phase, neutral and ECC) are not properly identified due to the absence of means of identification by separate color coding, marking tape, tagging or other approved means." 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above obsevation 09–11–2020 Visit Observation:No SLD or Wiring diagram/ circuit list is not found in any distribution board. Also electrical wiring/cables (Phase, neutral and ECC) are not properly identified due to the absence of means of identification by separate color coding, marking tape, tagging or other approved means." 11–02–2021: No SLD or Wiring diagram/ circuit list is found in any distribution board. Also electrical wiring/cables (Phase, neutral and ECC) are not properly identified due to the absence of means of identification by separate color coding, marking tape, tagging or other approved means. 09–08–2021: No SLD or Wiring diagram/ circuit list is found in any distribution board. Also electrical wiring/cables (Phase, neutral and ECC) are not properly identified due to the absence of means of identification by separate color coding, marking tape, tagging or other approved means.

৩০. পর্ববেষ্কণ

পরিদর্শন পর্ববেষ্কণ	Cable channels are not covered.
ক্যাপ আইটেম	
ক্যাটাগরি	

কাৰ্যক্ৰম	Provide adequate covers on cable channels.
সুপারিশের	
<u>ত্থ্যসূত্র</u>	
কার্খানার	We are under process to carry out all the electrical non–compliance issue by a
কাৰ্যক্ৰম	engineering firm.
<u>অগ্রাধিকার</u>	৬ মাস
চুডান্ত	7@-75-507P
<u> </u>	
সংশোধিত	08-07-505@
সময়সীমা	
অগ্রগতির	শুক হ্বনি
অবস্থা	
	16-10-2018 Cable channels were not properly covered yet 20/11/2018 Same as
	above obserrvation 30-09-2019 Same as above observation 19-12-2019 Same as
মন্তব্য	above obsevration 09-11-2020 Visit Observation: Cable channels are not covered.
	11-02-2021: Cable channels are not covered. 09-08-2021: Cable channels are no
	covered.

পরিদর্শন পর্শবেষ্ডণ	Electrical cables are not properly supported.
ক্যাপ আইটেম ক্যাটাগরি	

Ensure surface/exposed wiring are run either horizontally or vertically with proper mechanical support and avoid wiring at an angle or hanging way with improper

৩১.১. কার্বক্রম

কাৰ্যক্ৰম

' ' ' '	support.
সুপারিশের	
ভখ্যসূত্ৰ	
কার্খানার	Under going process.
1	
<u>অগ্রা</u> খিকার	৬ মাস
চুডান্ড সময়সীমা	20-25-502B
সংশোধিত সময়সীমা	08-0%-205@
অগ্রগতির অবস্থা	শুৰু হ্ৰানি
মন্তব্য	16–10–2018 No mechanical support provided for the electrical cable which are found hanging and laid with no standard cable laying technique 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation: Electrical cables are not properly supported. 11–02–2021: No mechanical support provided for the electrical cable which are found hanging and laid with no standard cable laying technique. 09–08–2021: No mechanical support provided for the electrical cable which are found hanging and laid with no standard cable laying technique.

পরিদর্শন Stranded conductors are terminated without using proper terminator (Cable socket, পর্যবেষ্ণণ sleeve or ferrules etc.). ক্যাপ আইটেম ক্যাটাগরি

4	৩২.১. কার্যক্রম	
Г		
	কাৰ্ <u>থ</u> ক্ৰম	Provide cable sockets for stranded conductors having a nominal cross–sectional area 6mm ² . or greater or solder together all strands at the exposed ends or are crimped using suitable sleeve or ferrules for stranded conductors having a nominal cross–sectional area less than 6mm ² .

L		eross seedonar area ress than online.
ſ	সুপারিশের	
ľ	ভখ্যসূত্র	
Ī	কার্থানার	We are under process to carry out all the electrical non-compliance issue by a
ľ	কাৰ্যক্ৰম	engineering firm.

<u>অগ্রা</u> ধিকার	৬ মাস
চুডান্ত সময়সীমা	20-25-507A
সংশোধিত সময়সীমা	08-0%-2020

1-1-1-1-11-11	
অগ্রগতির অবস্থা	শুৰু হ্ৰানি
মন্তব্য	16–10–2018 Some stranded conductors above 6mm2 found crimped improperly without any lugs or cable sockets/shoes and some conductors below 6mm2 are connected haphazardly in the bus bar without sleeve or ferule accoriding to NTPA 4.4.10.3 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation: Some stranded conductors above 6mm2 found crimped improperly without any lugs or cable sockets/shoes and some conductors below 6mm2 are connected haphazardly in the bus bar without sleeve or ferule accoriding to NTPA 4.4.10.3 11–02–2021: Some stranded conductors above 6mm2 found crimped improperly without any lugs or cable sockets/shoes and some conductors below 6mm2 are connected in the bus bar without sleeve or ferule accoriding to NTPA 4.4.10.3 09–08–2021: Some stranded conductors above 6mm2 found crimped improperly without any lugs or cable sockets/shoes and some conductors below 6mm2 are connected in the bus bar without sleeve or ferule accoriding to NTPA 4.4.10.3.

৩৩. পর্যবেষ্ণণ

পরিদর্শন পর্শবেষ্ডণ	Distribution boards are not marked separately for lighting and power circuit.
ক্যাপ আইটেয়	
পাহডেশ ক্যাটাগরি	

কাৰ্যক্ৰম	Install separate distribution boards for lighting and power circuits.
সুপারিশের	
<u>তখ্যসূত্র</u>	
	We are under process to carry out all the electrical non–compliance issue by a
কাৰ্যক্ৰম	engineering firm.
<u>অগ্রা</u> ধিকার	৬ মাস
চুডান্ড সময়সীমা	?@-?5-50? <i>@</i>
সংশোধিত সমশ্বসীমা	08-05-2020
অগ্রগতির অবস্থা	শুরু হ্য়নি
মন্ত ব্য	16–10–2018 Separate distribution boards for lighting and power circuits were not found. Power circuits and light/fan circuits needs to be segregaded and labelled properly 20/11/2018 Same as above observation 30–09–2019 Same as above observation 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Separate distribution boards for lighting and power circuits were not found. Power circuits and light/fan circuits needs to be segregaded and labelled properly 11–02–2021: Separate distribution boards for lighting and power circuits are not found. Power circuits and light/fan circuits needs to be segregaded and labelled properly 09–08–2021: Separate distribution boards for lighting and power circuits are not found. Power circuits and light/fan circuits needs to be segregaded and labelled properly

পরিদর্শন পর্শবেষ্কণ	Lightning protection system is not installed on the building.
ক্যাপ	
আহডেম ক্যাটাগরি	

৩৪.১. কার্যক্রম

୭୪.১. ବାୟକ୍ଷ		
কাৰ্যক্ৰম	Consult with an expert electrical engineer to review requirements, calculate risk index, prepare drawing etc. to make sure the building is secured against lightning. Also ensure following as per NTPA based on the building size.i) Air termination network vertical/horizontal conductors are appropriately spaced ii) Appropriate numbers of down conductors are installed iii) Resistance of earth conductor within limit (<=101).	
সুপারিশের তখ্যসূত্র		
কার্থানার কার্বক্রম	We are under process to carry out all the electrical non-compliance issue by a engineering firm.	
অগ্রাধিকার	৬ মাস	
চুডান্ড সমশ্বসীমা	7.@-?<-507.P	
সংশোধিত সমশ্বসীমা	08-0%-2020	
অগ্রগতির অবস্থা	শুৰু হৰ্মনি	
মন্তব্য	16–10–2018 They have contacted with the enlisted farm for LPS 20/11/2018 Same as above observation 30–09–2019 LPS design have been submitted to DIFE and waiting for approval before initiating the installation of air terminals 19–12–2019 Same as above observation 09–11–2020 Visit Observation:Lightning protection system is not installed on the building. 11–02–2021: Lightning protection system is not installed on the building. 09–08–2021: Lightning protection system is not installed on the building.	