

# SIX MONTHLY COMPLIANCE REPORT FOR SUBMISSION ON DEC 2020

# CORPORATE OFFICE BUILDING AT

Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram, Haryana

M/s Hyundai Motor India Ltd.

#### **EC LETTER**

SEIAA/HR/2018/73, Dated 5.02.2018

Name of Consultant & NABET Accreditation No.



Aplinka Solutions & Technologies Pvt. Ltd. | www.aplinka.in Corp. Office : A-48, Ground Floor, Sector-64, Noida – 201301 NABET Accreditation No:NABET/EIA/1922/RA 0139



Project Name Six Monthly Compliance report for Corporate Office Building	
Project Proponent	M/s Hyundai Motor India Ltd.
<b>Project Address</b>	Plot No. C-11 in City Center, Sector - 29 at Urban Estate - II, Gurugram,

### POST ENVIRONMENTAL COMPLIANCE STATUS

Name of the project: Corporate Office Building Project at Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram, Haryana

**EC letter no.:** SEIAA/HR/2018/73, Dated 5.02.2018

**Construction Status:** Under Construction

### A. Compliance of conditions as mentioned in the EC letter

Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the start of any construction work at site.  2. A first aid room as proposed in the project report shall be provided both during construction and operation phase of the project.  3. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labours is strictly prohibited. The safe disposal of solid wastes/ waste water generated during the construction phase should be ensured. Efforts shall be made to provide mobile STP for treatment of waste water during construction phase.  4. All the top soil excavated during construction activities should be stored for use in a start of any construction worker at site. A copy of drinking water and sanitary facilities is being provided for worker at site. A copy of drinking water bills attached as Annexure II.  4. All the top soil excavated during construction activities should be stored for use in construction phase has been stored in the project.  4. All the top soil excavated during construction activities should be stored for use in construction phase has been stored in the project of the authorized vendor for the same is attached as Annexure III.  4. All the top soil excavated during construction phase has been stored in the project of the same is attached as Annexure III.  4. All the top soil excavated during construction phase has been stored in the project.  5. A first aid room has been provided for construction workers at the site. Same with construction workers at the site. A copy of drinking water and sanitary facilities is being provided for worker at the site. Same with construction workers at the same is attached as Annexure II.  5. Solid waste generated duri	Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
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report shall be provided both during construction and operation phase of the project.  3. Adequate drinking water and sanitary facilities should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labours is strictly prohibited. The safe disposal of solid wastes/ waste water generated during the construction phase should be ensured. Efforts shall be made to provide mobile STP for treatment of waste water during construction phase.  4. All the top soil excavated during construction activities should be stored for use in construction phase has been stored.  3. Adequate drinking water and sanitary facilities is being provided for worker at site. A copy of drinking water bills attached as Annexure II.  4. All the top soil excavated during construction activities should be stored for use in construction phase has been stored.  4. All the top soil excavated during construction phase has been stored.  5. Adequate drinking water and sanitary facilities is being provided for worker at site. A copy of drinking water bills at site. A copy of drinking water and sanitary facilities is being provided for worker at the site. Same water and sanitary facilities is being provided for worker at the site. Same water and sanitary facilities is being provided for worker at the site. Sanitary facilities is being provided for worker at the site. Sanitary facilities is being provided for worker at the site. Sanitary facilities is being provided for worker at the site. Sanitary facilities is being provided for worker at site. A copy of drinking water and sanitary facilities is being provided for worker at site. A copy of drinking water and sanitary facilities is being provided for worker at site.	1.	Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana before the	313116318GUNOCTE4952955 dated 08.02.2018 and copy of the same is attached
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activities should be stored for use in construction phase has been stored	3.	should be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labours is strictly prohibited. The safe disposal of solid wastes/ waste water generated during the construction phase should be ensured. Efforts shall be made to provide mobile STP for treatment of waste water during construction	facilities is being provided for workers at site. A copy of drinking water bills is attached as <b>Annexure II</b> . b) Mobile toilets have been provided at construction site. c) Septic tank has been provided for the management of waste water. d) Solid waste generated during the construction phase is being collected in separate wet and dry bins and handed over to the authorized vendor for further disposal. A copy of bill for the
the project site. has been used in landscape development.	4.	activities should be stored for use in horticulture/landscape development within	construction phase has been stored at designated place inside the premises which
• • •	5.		Construction material and construction

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	building material required during construction phase is properly stored within the project area and disposal of construction waste should not create any adverse effect on the neighbouring communities and should be disposed off after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	waste is being stored at the designated location inside the premises, properly covered with green net. Waste will be further used for site levelling and back filling on site.
6.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water and any hazardous waste generated during construction phase, should be disposed off as per applicable rules and norms with necessary approval of the Haryana State Pollution Control Board.	This is corporate office building project and there is no hazardous waste generation except used DG Oil. But as per the order, vide letter no. DPCC/DG Set Directions/2020/1815-1835 dated 13.10.2020 DPCC hereby bans the operation of electricity generator sets of all capacities, run on diesel/ petrol/ kerosene in NCT of Delhi, with effect from 15th October 2020 till further orders, excluding electricity generator sets used for essential/ emergency services. That's why DG sets are not in use on project site till further order. Directions for DG ban is attached as <b>Annexure IV</b> .
7.	The diesel generator sets to be used during construction phase shall be of ultra low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and noise emission standards.	DG sets is being used in case of power failure only but currently as per the DPCC notice DG sets are ban in Delhi NCR region till further notice. Temporary electricity connection has been obtained and bill for the same is attached as <b>Annexure V</b> .
8.	The diesel required for operating DG sets shall be stored in underground tanks and if required, clearance from Chief Controller of Explosives shall be taken.	As per the DPCC notice DG sets are ban in Delhi NCR region till further notice. So currently there is no need to store diesel at site.
9.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures should be taken to reduce ambient air pollution and noise level during construction phase, so as to conform to the	Ambient noise level is controlled within and at the boundaries of the project ensuring compliance to regulatory norms. Source of noise is back up DG set which is in operation only during power failure. DG set is equipped with acoustic enclosure. The vehicles operating in construction phase have PUC certificate with silencers to reduce/minimize the noise generation. A copy of the certificate is attached as

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	stipulated residential standards of CPCB/MoEF.	Annexure VI. Monitoring report is attached as Annexure VII.
10.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003.	Fly ash in the cement/ fly ash bricks were used in construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003.Presently, structure and RCC work has been completed.
11.	Storm water control and its re-use as per CGWB and BIS standards for various applications should be ensured.	Storm water is being collected and recharge of the ground is through rain water harvesting pits.
12.	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices.	Premixed concrete and curing agents was been used to reduce the water demand during construction.
13.	In view of severe constrains in water supply augmentation in the region and sustainability of water resources, the developer will submit the NOC from CGWA specifying water extraction quantities and assurance from HUDA/ utility provider indicating source of water supply and quantity of water with details of intended use of water – portable and nonportable. Assurance is required for both construction and operation stages separately. It shall be submitted to the SEIAA and Ro, MOEF, Chandigarh before the start of construction.	During operation phase the demand for fresh water will be fulfilled by HSVP (Haryana Shahari Vikas Pradhikaran). A copy of fresh water assurance letter is attached as <b>Annexure VIII</b> .  No groundwater extraction was been proposed during construction phase and operation phase. A copy affidavit for the same is attached as <b>Annexure IX</b> .  During construction phase treated water for construction activity is being brought from the STP through tankers. Bill for the same is attached as <b>Annexure II</b> .
14.	Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.	ECBC norms are being followed and report is this regard is enclosed as <b>Annexure X</b> along with the section of roof showing the provision done for insulation.
15.	Opaque wall must meet prescriptive requirement as per Energy Conservation Building Code which is proposed to be mandatory for all air conditioned spaces while it is desirable for non-air-conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	The design of the building is as per the National Building Code, 2016 and energy conservation requirement are considered.
16.	The approval of the competent authority shall be obtained for structural safety of the building	a) Adequate fire-fighting equipment as per the National Building Code 2016

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	on account of earthquake, adequacy of fire fighting equipment, etc. as per National Building Code including protection measures from lightening etc.	including protection measures from lightening etc. are proposed for the site. During construction phase also, the necessary equipment to combat accidental fire are placed at site.  b) The project falls under seismic active Zone IV indicating high damage risk zone. The building has been designed as earthquake resistant and comply with the required IS specifications, structural safety certificate along with Form BR VA 2 and degree of structure Engineer are attached as <b>Annexure XI</b> .
17.	Overexploited groundwater and impending severe shortage of water supply in the region requires the developer to redraw the water and energy conservation plan. Developer shall reduce the overall footprint of the proposed development. Project proponent shall incorporate water efficiency/savings measures as well as water reuse/recycling within 3 months and before start of construction to the SEIAA, Haryana and RO, MOEF, GOI, Chandigarh	Details have been submitted along with the proposal to SEIAA, Haryana.
18.	The project proponent as stated in shall construct 02 nos. rain water harvesting pits for recharging the ground water within the project premises. Rain water harvesting pits shall be designed to make provisions for silting chamber and removal of floating matter before entering harvesting pit. Maintenance budget and persons responsible for maintenance must be provided. Care shall also be taken care that contaminated water do not enter any RWH pit.	Two rain water harvesting pits have been constructed on site. Silting chamber is being provided for the removal of floating matter. Person will be appointed for the maintenance of RWH pits once the project will be operational.
19.	The project proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instructions issued by the local Authority/ Directorate of fire from time to time. Further the project proponent shall take necessary	Fire scheme has been approved and a copy of its approval letter is attached as <b>Annexure XII.</b>

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	permission regarding fire safety scheme/ NOC	
	from competent Authority as required.	
20.	The project proponent shall obtain assurance from DHBVN for total supply of 1145KVA of power supply before the start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	A temporary connection has been obtained from DHVBN before the start of construction and a copy of electricity bill is attached as <b>Annexure V</b> .
21.	Detail calculation of power load and ultimate power load of the project shall be submitted to DHBVN under intimation to SEIAA, Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	Calculation of power load has already been submitted to DHBVN and SEIAA.
22.	The project proponent shall not raise any construction in the natural land depression/ Nallah/ Water course and shall ensure that the natural flow from the Nallah/ water course is not obstructed.	There is no natural depression or water course in the construction area and water flow is not being obstructed due to the construction activity of the project.
23.	The project proponent shall keep the plinth level of the building blocks sufficiently above the level of approach road to the project as per prescribed by- laws. Levels of the other areas in the Project shall also be kept suitably so as to avoid flooding.	The building is designed as per the National Building Code, 2016. All the guidelines regarding the plinth levels and levels of other areas in the project will be kept suitably above so as to avoid flooding.
24.	Construction shall be carried out so that density of population does not exceed as approved by Director General Town and Country Department, Haryana.	The project has been designed as per the norms of population density as set by Department of Town and Country Planning, Haryana.
25.	The project proponent shall submit an affidavit that with the declaration that ground water will not be used for construction and only treated water should be used for construction.	No ground water extraction has been proposed for the construction activity. Declaration is this regard has already been submitted with the proposal in SEIAA (enclosed as <b>Annexure IX</b> ).
26.	The Project Proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	There are no trees on the project site except for few shrubs and herbs. Hence, no treecutting required.
27.	The project proponent shall ensure that ECBC norms for composite climate zone are met.	ECBC report has been prepared and copy of the same is attached as <b>Annexure X</b> .

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28.	The project proponent shall provide 3 meter high barricade around the project area, dust screen for every floor above the ground, proper sprinkling and covering of stored material to restrict dust and air pollution during construction.	The project is surrounded with appropriate barricading and construction of boundary wall is in process. All the necessary precautions have been taken to restrict the dust emission during construction phase. Construction material was stored at a designated location within the premises. Sprinkling is being done regularly to suppress the dust pollution.
29.	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutants and other wastes during rains.	Noted
30.	The project proponent shall provide proper rasta of proper width and proper strength for the project before the start of construction.	A proper rasta of proper width and proper strength has been provided by the project proponent before start of construction work.
31.	The project proponent shall ensure that the U-value of the glass is less than 3.177 and maximum solar heat gain co-efficient is 0.25 for vertical fenestration.	This will be followed as per the ECBC report. A copy of report is attached as <b>Annexure X.</b>
32.	The project proponent shall adequately control construction dusts like silica-dust, non-silica dust, wood dust. Such dusts shall not spread outside project premises. Project proponent shall provide respiratory protective equipment to all construction workers.	Water sprinkling is being done regularly to suppress the dust generation at the site. Bill of the tanker is attached as <b>Annexure II.</b> PPE has been provided to all the construction workers on site.
33.	The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.	Fire control room and fire officer will be provided once the project will be operational.
34.	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Mining Permission was obtained before the start of construction. Construction work of the basement has been completed and no excavation will be done further. A copy of the same is enclosed in <b>Annexure XIII</b> .
35.	The project proponent shall provide one refuge area till 24 meter and one till 39 meter as per National Building Code. The project proponent shall not convert any refuge area in the habitable space and it should not be sold out/	Noted.

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	commercialized.	
36.	The project proponent shall seek specific prior approval from concerned local authority/HUDA regarding provision of storm drainage and sewerage system including their integration with external services of HUDA/Local authorities beside other required services before taking up any construction activity.	Permission regarding the storm drainage and sewerage system has been obtained from the HUDA before the start of the construction.
37.	The project proponent shall discharge excess of treated waste water/ storm water in the public drainage system and shall seek permission of HUDA before the start of construction.	Treated water generated from the STP will be reused for flushing and gardening to the maximum extent.
38.	The project proponent shall maintain the distance between STP and water supply line	Noted
39.	The project proponent shall ensure that the stack height is 6 meter more than the highest tower	Appropriate stack height will be provided as CPCB norms.
40.	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Structure stability certificate has been obtained and is attached as <b>Annexure XI</b> .
41.	Vertical fenestration shall not exceed 60% of total wall area.	Noted.
42.	The project proponent shall submit the copy of fire safety plan duly approved by fire department before the start of construction.  OPERATIONAL PHASE:	Fire scheme has been approved and copy of its approval letter is attached as <b>Annexure XII.</b>
a.	"Consent to Operate" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the SEIAA, Haryana.	Consent to Operate is in process to obtain from the HSPCB after completion of construction phase and prior to occupancy the building.
b.	The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including odour and treated effluent will be recycled to achieve zero exit discharge. The installation of STP shall be certified by an independent expert and a report in this regard should be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The	<ul> <li>a) Treated sewage generated from the STP will be recycled to the maximum extent possible to achieve zero exit discharge.</li> <li>b) Tertiary treatment based technology has been proposed for the STP (preferably UV radiation).</li> </ul>

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	project proponent shall not only remove Ortho-	
	Phopohorus but total Phosphorus to the extent	
	of less than 2 mg/ litre. Similarly total Nitrogen	
	level shall be less than 2 mg/litre in tertiary	
	treated waste water. Discharge of treated	
	sewage shall conform to the norms and	
	standards of CPCB/ HSPCB, whichever is	
	environmentally better. Project proponent	
	shall implement such STP technology which	
	does not require filter backwash. The project	
	proponent shall essentially provide two	
	numbers of STPs preferably equivalent to 50%	
	of total capacity or as per the initial occupancy	
	as the case may be.	
C.	Separation of the grey and black water should	Dual plumbing line has been proposed for
	be done by the use of dual plumbing line.	the separation of fresh water and treated
	Treatment of 100% grey water by	water.
	decentralized treatment should be done	
	ensuring that the re-circulated water should	
	have BOD maximum upto 10 ppm and the	
	recycled water will be used for flushing,	
	gardening and DG set cooling etc.	
d)	For disinfection of the treated wastewater ultra	Ultra violet radiation technology has been
	violet radiation or ozonization process should	proposed for the treatment of waste water.
	be used.	
e)	Diesel Power generating sets proposed as	During operation phase DG sets will be used
	source of backup power for lifts, common area	as power back up for lifts, common area
	illumination and for domestic use should be of	illumination and for domestic use.
	enclosed type and conform to rules made	Appropriate stack height will be provided as
	under the Environment (Protection) Act, 1986.	per the CPCB norms. Ultra low sulphur
	The location of the DG sets shall be in the open	diesel will be used as fuel for the DG sets.
	as promised by the project proponent with	
	appropriate stack height i.e. above the roof	
	level as per the CPCB norms. The diesel used	
	for DG sets should be ultra-low sulphur (35	
	ppm sulphur), instead of low sulphur diesel.	
f)	Ambient Noise Level should be controlled to	Ambient noise level is controlled within and
	ensure that it does not exceed the prescribed	at the boundaries of the project ensuring
	standards both within and at the boundary of	compliance to regulatory norms. Source of
	the proposed Commercial Complex.	noise is back up DG set which is in operation
		only during power failure. DG set is

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		equipped with acoustic enclosure. The vehicles operating in construction phase have PUC certificate with silencers to reduce/minimize the noise generation. A copy of the certificate is attached as <b>Annexure VI</b> .  Monitoring report is attached as <b>Annexure VII</b> .
g)	The project proponent as stated in the proposal should maintain at least 25% as green cover area for tree plantation especially all around the periphery of the project and on the road sides preferably with local species which can provide protection against noise and suspended particulate matter. The open spaces inside the project should be preferably landscaped and covered with vegetation/grass, Herbs & shrubs. Only locally available plant species shall be used.	Greenbelt has been developed as per approved plan. Trees have been planted all around the periphery of the project and on the road sides preferably with local species so as to provide protection against particulates and noise.
h)	The project proponent shall strive to minimize water in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching, utilizing efficient irrigation system, scheduled irrigation only after checking evapo-transpiration data.	Drip irrigation technique has been used in landscaping to reduce the water demand.
i)	Rain water harvesting for roof runoff and surface runoff, as per plan submitted should be implemented. Before recharging the surface runoff, pre treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rain water recharging shall be kept at least 5 m above the highest ground water table. Care shall be taken that contaminated water do not enter any RWH pit. The project proponent shall avoid rain water harvesting of first 10 minutes of rain fall. Roof top of the building shall be without any toxic material or paint which can contaminate rain water. Wire mess and filters should be used wherever required.	Two rain water harvesting pits have been constructed on site to recharge the ground water. Roof runoff and surface runoff will be collected in RWH pits. First 10 minutes of the rain fall will be avoided in the RWH pits.
j)	The ground water level and its quality should	Noted

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	be monitored regularly in consultation with	
	Central Ground Water Authority.	
k)	A report on the energy conservation measures conforming to energy conservation norms	ECBC report has already been submitted in SEIAA along with the proposal and a copy of
	finalize by Bureau of Energy Efficiency should	the same is attached as <b>Annexure X</b> .
	be prepared incorporating details about	
	building materials & technology; R & U factors	
	etc. and submit to the SEIAA in three month	
	time.	
l)	Energy conservation measures like installation	a) LEDs has been used at most of the
	of LED for lighting the areas outside the	locations inside the project & near
	building should be integral part of the project	boundary wall as a measure of
	design and should be in place before project	energy conservation.
	commissioning. Use of solar panels must be	b) Solar panels have been proposed to
	adapted to the maximum extent possible for	generate electricity for open spaces,
	energy conservation.	common area, and landscape area.
m)	The project proponent shall use zero ozone	Noted.
	depleting potential material in insulation,	
	refrigeration, air-conditioning and adhesive.	
	Project proponent shall also provide Halon free	
n)	fire suppression system.	Colid waste generated during construction
n)	The solid waste generated should be properly collected and segregated as per the	Solid waste generated during construction phase was collected in separate wet and dry
	requirement of the MSW Rules, 2000 and as	bins and handed over to the authorized
	amended from time to time. The bio-	vendor. A copy of bill for the same is
	degradable waste should be treated by	attached as <b>Annexure III.</b>
	appropriate technology (proposed OWC) at the	During operation phase of phase I of the
	site earmarked within the project area and	project, solid waste generated will be
	dry/inert solid waste should be disposed off to	collected and handed over to the authorized
	the approved sites for land filling after	vendor for further disposal. An agreement
	recovering recyclable material.	will be signed with the vendor once the
		project will be operational. When both
		phases, Phase I & II will be operational than
		OWC will be used to treat biodegradable
		waste.
0)	The provision of the solar water heating	As per the latest amendment dated
	system shall be as per norms specified by	14.03.2016 in Office order vide no.
	HAREDA and shall be made operational in each	22/52/2005-5Power, dated: 29.06.2005 of
	building block.	Haryana Govt, Renewable Energy
		department, the mandatory use of Solar

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Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
		Water heating system has been omitted.
p)	The traffic plan and parking plan proposed by the PP should be adhered to meticulously with further scope of additional parking for further requirement. There should be no traffic congestion near the entry and exit points from the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be used.	All the parking during operation phase will be as per the parking plan. Traffic congestion will be avoided by providing separate entry and exit to the project site.
q)	The project should be operationalized only once HUDA will provide domestic water supply system in the area.	Permission has been obtained from HSVP for supply of fresh water during operation phase. A copy of the same is attached as <b>Annexure VIII.</b>
r)	Operation and maintenance of STP, solid waste management and Electrical Infrastructure shall be ensured even after the completion of project.	Noted
s)	Different type of wastes should be disposed off as per provisions of municipal solid waste, biomedical waste, hazardous waste, e-waste, batteries & plastic rules made under Environment Protection Act, 1986. Particularly e-waste and Battery waste shall be disposed as per existing E-waste Management Rules 2011 and Batteries Management Rules, 2001. The project proponent should maintain a collection centre for E-waste and it shall be disposed of to only registered and authorized dismantler as per existing E-waste Management Rules 2011.	<ul> <li>a) Solid waste generated from the project site will be disposed of as the solid waste management rule 2016.</li> <li>b) E-waste and battery waste will be managed as per existing E-waste (Management) Rules 2016 and Batteries Management Rules 2001.</li> </ul>
t)	Standards for discharge of Environmental pollutants as enshrined in various schedules of rule 3 of Environment Protection Rule 1986 shall be strictly complied with.	Noted
u)	The project proponent shall make provision for guard pond and other provisions for safety against failure in the operation of wastewater treatment facilities. The project proponent shall also identify acceptable outfall for treated effluents.	Noted  Charle Height of DC Catalaga have a sintained.
v)	The project proponent shall ensure that the	Stack Height of DG Sets has been maintained

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	stack height of DG sets is more than the highest	above the height of the tallest building as
	tower and also, ensure that the emission	per CPCB norms. The emission standards of
	standards of noise and air are within the CPCB	noise & air will be within the CPCB
	latest prescribed limits. Noise and emission	prescribed limits.
	level of DG sets greater than 800 kVA shall be	
	as per CPCB latest standards for high capacity	
	DG sets.	
w)	All electric supply exceeding 100 amp, 3 phase	Noted
	shall maintain the power factor between 0.98	
	lag to 1 at the point of connection.	
x)	The project proponent shall minimize heat	Noted
	island effect through shading and reflective or	
	pervious surface instead of hard surface.	
у)	The project proponent shall not use fresh	This will be followed in operation
	water for HVAC and DG cooling. Air based	phase.
	HVAC system should be adopted and only	
	treated water shall be used by project	
	proponent for cooling, if it is at all needed. The	
	project proponent shall use evaporative	
	cooling technology and double stage cooling	
	system for HVAC in order to reduce water	
	consumption. Further temperature, relative	
	humidity during summer and winter seasons	
	should be kept at optimal level. Variable speed	
	drive, best Coil type cooling DG sets shall be	
	used for saving cooling water consumption for	
	water cooled DG sets.	
z)	The project proponent shall ensure that the	This will be ensured.
	transformer is constructed with high quality	
	gain oriented, low loss silicon steel and virgin	
	electrolyte grade copper. The project	
	proponent shall obtain manufacturer's	
	certificate also for that.	
aa)	Water Supply shall be metered to different	Project is an office Building. However, the
	residential units and different utilities.	supply will be metered.
ab)	The project proponent shall ensure that exit	Stack has been designed in such a way that
	velocity from the stack should be sufficiently	there will be no stack-down wash under any
	high. Stack shall be designed in such a way that	metrological conditions. The exit velocity
	there is no stack-down wash under any	from the stack will be sufficiently high.
	meteorological conditions.	

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Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
ac)	The project proponent shall provide water	Water sprinkling is being done regularly for
	sprinkling system in the project area to	dust suppression. Bill of tanker supplying
	suppress the dust in addition to the already	the treated water from STP is attached in
	suggested mitigation measures in the Air	Annexure II.
	Environment Chapter of EMP.	
ad)	The project proponent shall provide additional	Green area has been developed as the
	green area on terrace and roof top.	approved plan.
ae)	The project proponent shall ensure proper Air	Noted
	Ventilation and light system in the basement	
	area for comfortable living of human being and	
	shall ensure that number of Air Changes per	
	hour/ (ACH) in basement never falls below 15.	
	In case of emergency capacity for increasing	
	ACH to the extent of 30 must be provided by	
	the project proponent.	
af)	The project proponent shall install solar panel	Solar panel has been proposed as an energy
	for energy conservation.	conservation measure.
PART B:	GENERAL CONDITIONS:	
1.	The Project proponent shall ensure the	Noted
	commitments made in Form-1, Form-1A,	
	EIA/EMP and other documents submitted to	
	the SEIAA for the protection of environment	
	and proposed environmental safeguards are	
	complied with in letter and spirit. In case of	
	contradiction between two or more documents	
	on any point, the most environmentally	
	friendly commitment on the point shall be	
	taken as commitment by project proponent.	
2.	The project proponent shall also submit six	This is being followed
	monthly reports on the status of compliance of	
	the stipulated EC conditions including results	
	of monitored data (both in hard copies as well	
	as by e mail) to the northern Regional Office of	
	MoEF, HSPCB and SEIAA Haryana.	
3.	STP outlet after stabilization and stack	The Copy of the Audit Reports on Quarterly
	emission shall be monitored monthly. Other	Basis (April- June2020 and July- Sep 2020)
	environmental parameters and green belt shall	is attached as <b>Annexure XIV</b> .
	be monitored on quarterly basis. After every	
	three months, the project proponent shall	
	conduct environmental audit and shall take	
	monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e mail) to the northern Regional Office of MoEF, HSPCB and SEIAA Haryana.  STP outlet after stabilization and stack emission shall be monitored monthly. Other environmental parameters and green belt shall be monitored on quarterly basis. After every three months, the project proponent shall	The Copy of the Audit Reports on Quart Basis (April- June2020 and July- Sep 20

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	corrective measure, if required, without delay.	
4.	The SEIAA, Haryana reserves the right to add additional safeguard measure subsequently, if	Noted
	found necessary. Environmental Clearance	
	granted will be revoked if it is found that false	
	information has been given for getting	
	approval of this project. SEIAA reserves the	
	right to revoke the clearance if conditions	
	stipulated are not implemented to the satisfaction of SEIAA/MoEF.	
5.	The Project proponent shall not violate any	Noted
	judicial orders/ pronouncements issued by the	
	any Court/Tribunal.	
6.	All other statutory clearances such as the	All the required and necessary permissions
	approvals for storage of diesel from Chief	have been obtained.
	Controller of Explosives, Fire Department, Civil	a) NOC from Deputy Conservator of
	Aviation Department, Forest Conservation Act,	Forests has been obtained. Copy of
	1980 and Wildlife (Protection) Act, 1972,	the same has been submitted as
	Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponents	Annexure XV. b) Aravali NOC has also been obtained
	from the respective authorities prior to	and copy of the same has been
	construction of the project	submitted as <b>Annexure XVI.</b>
	constitution of the project	c) NOC from Airport Authority of India
		has also been obtained. Copy of the
		same has been submitted as
		Annexure XVII.
		d) Fire scheme has been approved and
		copy of its approval letter is
		attached as <b>Annexure XII</b> .
7.	The project proponent should inform the	An advertisement in two local newspapers
	public that the project has been accorded Environment Clearance by the SEIAA and	was published to inform the public that the project has been accorded Environment
	copies of the clearance letter are available with	Clearance by the SEIAA, Haryana. A copy of
	the State Pollution Control Board & SEIAA. This	the same is shared in <b>Annexure XVIII.</b>
	should be advertised within 7 days from the	
	date of issue of the clearance letter at least in	
	two local news paper that are widely circulated	
	in the region and the copy of the same should	
	be forwarded to SEIAA, Haryana. A copy of	
	Environment Clearance Conditions shall also	

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	be put on project proponent web site for public	
	awareness.	
8.	Under the provision of Environment (Protection) Act, 1986 legal action shall be initiated against the project proponent if it was found that construction of the project has been	Noted
	started before obtaining prior environmental clearance.	
9.	Any appeal against this Environment Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted
10.	Corporate Environment and Social Responsibility (CSER) shall be laid down by the project proponent (2% shall be earmarked) as per guidelines of MoEF, GoI Office Memorandum No. J-11013/41/2006-IA.II(I) dated 18.05.2012 and Ministry of Corporate Affairs, GoI Notification Dated 27.02.2014. A separate audit statement shall be submitted in the compliance. Environment related work proposed to be executed under this responsibility shall be undertaken simultaneously. The project proponent shall select and prepare the list of the work for implementation of CSER of its own choice and shall submit the same before the start of construction.	A project of development of Government school had been taken up and completed as a part of Corporate Environment and Social Responsibility (CSER) and a copy of same is attached as <b>Annexure XIX</b> .
11.	The fund ear marked for environment protection measures should be kept in separate account and should not be diverted for other purposes and year wise expenditure shall be reported to the SEIAA/ RO MoEF, GoI under rules prescribed for Environment Audit.	Noted
12.	The project proponent shall ensure the compliance of Forest Department, Haryana Notification no. S.O 121/PA2/1900/S.4/97 dated 28.11.1997.	Forest NOC has been obtained and a copy of the same has been attached as <b>Annexure XV</b> .
13.	The project proponent shall ensure that no	Vehicles with PUC certificate are only

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	vehicle during construction/operation phase	allowed to enter the project premises during
	enter the project premises without valid	construction phase and a copy for the same
	'Pollution Under Control' certificate from	is attached as <b>Annexure VI</b> .
	competent Authority.	
14.	Besides the Developer/applicant, the	Noted
	responsibility to ensure the compliance of	
	Environmental Safeguards/conditions imposed	
	in the Environmental Clearance letter shall also	
	lie on the licensee/licensees in whose	
	name/names the license/CLU has been granted	
	by Town and Country Planning Department,	
	Haryana.	
15.	The proponent shall upload the status of	Noted
	compliance of the stipulated EC conditions,	
	including results of monitored data on their	
	website and shall update the same periodically.	
	It shall simultaneously be sent to the Regional	
	Office of MoEF, the respective Zonal Office of	
	CPCB and the SPCB. The criteria pollutant	
	levels namely; PM <sub>2.5</sub> , PM <sub>10</sub> , SO <sub>x</sub> , NO <sub>x</sub> , Ozone,	
	Lead, CO, Benzene, Ammonia, Benzopyrine,	
	Arsenic and Nickel. (Ambient levels as well as	
	stack emissions) or critical sect oral	
	parameters, indicated for the project shall be	
	monitored and displayed at a convenient	
	location near the main gate of the company in	
	the public domain.	
16.	The environmental statement for each financial	Noted
	year ending 31st March in Form-V as is	
	mandated to be submitted by the project	
	proponent to the HSPCB Panchkula as	
	prescribed under the Environment	
	(Protection) Rules, 1986, as amended	
	subsequently, shall also be put on the website	
	of the company along with the status of	
	compliance of the EC conditions and shall also	
	be sent to the respective Regional Offices of	
	MoEF by e-mail.	
17.	The project proponent shall conduct	At every three months interval an
	environment audit at every three months	environmental audit is conducted and

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	interval and thereafter corrected measures	submitted with six monthly compliance
	shall be taken without any delay. Details of	report. The reports are enclosed as
	environmental audit and corrective measures	Annexure XIV.
	shall be submitted in the monitoring report.	
18.	The project proponent shall seek fresh	Noted
	environmental clearance in case any	
	modification/ revision is required at a later	
	stage due to exchange of revenue rasta existing	
	in the project area or change in any plan due to	
	combined zoning plan	
19.	The Validity of this environment clearance is	Noted
	valid up to 7 years from the date of issuance of	
	EC letter. The environment clearance conditions applicable till life space projects in	
	case of residential project will continue to	
	apply. The resident welfare	
	association/Housing co-operative societies	
	shall responsible to comply conditions laid	
	down in EC. In case of Violation the action	
	would be taken as per the laid down law of land. Compliance report should be sent to this	
	office till life of the project.	
20.	If project is not completed within the validity	Noted
	period then the project proponent shall submit	
	the application for extension of validity within	
	one month before the lapse of validity of	
	Environment Clearance i.e 7 years	