

SIX MONTHLY COMPLIANCE REPORT FOR SUBMISSION ON JUNE 2018

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.

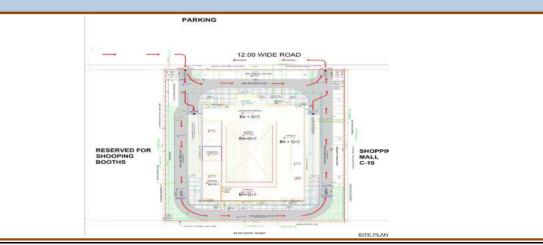
EC LETTER

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/1619/IA/0011



Project Name	Six Monthly Compliance report for Corporate Office Building		
Project Proponent	M/s Hyundai Motor India Ltd.	_	L
Droject Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,		June 20
Project Address	Haryana		

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Project Proponent	M/s Hyundai Motor India Ltd.
Project Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,
Troject Address	Haryana

June 2018

CHAPTER I: INTRODUCTION

A. Purpose of the Report

As per EIA Notification 2006, it is mandatory to submit six monthly compliance report to the regulatory authorities concerned, in order to show the status & on-ground compliance of all the Conditions mentioned in Environment Clearance letter, along with monitoring of various environmental parameters (as per CPCB Norms) in June and December of each calendar year.

The regulatory authorities concerned are Haryana State Pollution Control Board (HSPCB), Regional Office-MoEF&CC, Northern Region (Chandigarh) and SEIAA-Haryana. Site visit was conducted by a team of experts to monitor pollution related parameters as defined by CPCB. Samples for ambient air and ambient noise were collected for further analysis. All the analysis results, current implementation status of conditions on site and proposed implementations have been incorporated in the report.

B. About the Project Proponent

"India is a key market for Hyundai Motor Company and the new Hyundai Sales and Marketing Headquarter will be a true reflection of Hyundai's commitment to India. This has been a dream project for us and will come true in February 2020."

The new sales and marketing headquarter will act as the command centre of Hyundai Motor India for its domestic and global operations.

A certified green building with centralized air pollution protection through 3 stage HEPA Filter air purifier will headquarter Hyundai's 7 subsidiary companies in India with over 650 employees under one roof. In-line with Government of India's vision and plan to implement all electric vehicles in India by 2030 this office will be future ready with EV charging infrastructure at 4 basement parking levels.

This 6-floor building will have an exclusive Brand Shop which will provide customers a complete Hyundai brand.

C. About the Project

The Corporate Office Building project is located at Sector – 29 at Urban Estate – II, Gurugram, Haryana and is spread over a plot area of 1.93 acres. The proposed project shall comprise of 4 Basements + GF+ 05 Floor. It will have Office blocks, Showrooms, Kitchen, Employee Gynasium etc. The orientation of the building will be done in such a manner that most of glazed areas in north and east. Several measures such as use of dust screens, GI barriers, regular water sprinkling and use of tarpaulin covers will be taken to keep the surrounding pollution free in construction phase. Authorized vendor will be hired for collection and segregation of solid waste inside the premises.

D. Salient Features of the Project

Project NameCorporate Office Building project at Sector – 29 atUrban Estate – II, Gurugram, Haryana			
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Project Name	Six Monthly Compliance report for Corporate Office Building	
Project Proponent	M/s Hyundai Motor India Ltd.	June 2018
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FIOJECT AUTESS	Harvana	

Project Proponent	M/s Hyundai Motor India Ltd.
Plot Area	7820.80 sq. m. (3.175 acres)
Built-Up Area	28,334.42 sq. m
Landscape Area	1955.70 sq. m. (25% of plot area)
Total Water Requirement	23 KLD
Height of the Building	39.3 metres
STP Capacity	100 KLD
Total Power Requirement	1145 KVA supplied by DHBVN
No. of RWH pits	2
Solid waste generation	405 Kg/day

E. Status of Environmental Clearance & Consents

Environmental Clearance	SEIAA/HR/2018/73, Dated 5.02.2018			
Consent to Establish	HSPCB/Consent/ : 313116318GUNOCTE4952955, Dated 08.02.2018			

F. Status of Previous Compliance submission

Six monthly compliance reports will be submitted to the SEIAA-Haryana, Haryana State Pollution Control Board (HSPCB) and Regional Office MOEF&CC Northern Region (Chandigarh)

G. Project Location

The Corporate Office Building is located at Sector – 29, Urban Estate – II, Gurugram, Haryana. The location of the project is close to National Highway 236.

Sl. No.	Connectivity	Distance
1.	Delhi-Gurgaon Expressway	100 m towards N
2.	IFFCO Chowk Metro Station	1 km towards NE
3.	NH - 236	1.1 km towards NE
	Hospitals	
4.	Umkal Hospital	1.1 km towards E
5.	Metropolis Healthcare	2.0 km towards SW
	Schools/ Colleges	
6.	Lord Krishna Institute of Management &	0.6 km towards N
	Technology	
7.	Management Devellopment Institute	0.3 km towards North
	Railwaystation	
8.	Gurugram Railway Station	5.4 km towards NW

Table 1. Site connectivity (Road Distance)

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Figure 1.1 Showing Location of the Project

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CHAPTER II: PROGRESS REPORT & SITE PHOTOGRAPHS

A. Status of Project

The project site is a vacant land. No construction has been done at the project site yet except for fencing and excavation work.

B. Construction status of Blocks & Towers

Construction has not been started except fencing of GI sheets all around the project site & the temporary site office.

C. Site Photographs





transportation of Muck



Figure 2.4. Wheel Wash System

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		rt for Corporate Office Building	
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Figure 2.5	Water Sprinkling	Figure 2.6. Waste Management at the Protection of the state of the sta	roject
	ed Muck stored in the muck	Figure 2.8. Workers using PPEs and sig	

Project Name	Six Monthly Compliance report for Corporate Office Building	
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CHAPTER III: 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

Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	Part A- Specific Conditions: Construction Phas	<u>se</u>
1.	"Consent for Establish" shall be obtained from 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.	Consent to Establish is obtained from Haryana State Pollution Control Board under Air and Water Act before the start of construction and is attached as Annexure I .
2.	A first aid room as proposed in the project report shall be provided both during construction and operation phase of the project.	First aid room will be provided for construction workers. Same will be provided during operation phase.
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.	 a) Adequate drinking water and sanitary facilities will be provided for workers at site. b) Toilet and other sanitation facilities will provided at construction site. c) Safe disposal of wastewater and solid waste will be done.
4.	All the top soil excavated during construction activities should be stored for use in horticulture/landscape development within the project site.	The excavated soil is being stored at the site. The muck will be utilized for levelling and topsoil will be used in landscape development.
5.	The project proponent shall ensure that the 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,	The excavated muck from the site is being stored at an earmarked location outside the project site for use in landscaping & levelling. There will be no adverse effect on the neighbouring communities.
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A. Compliance of conditions as mentioned in the EC letter

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Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	only in approved sites with the approval of	
	competent authority.	
6.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses	Construction spoils including bituminous material and other hazardous material wil be kept at secured place. Proper provision
	and the dump sites for such material must be secured so that they should not leach into the	for dumping of waste will be ensured.
	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.	
7.	The diesel generator sets to be used during	Low sulphur (<0.2%) diesel is being used i
	construction phase shall be of ultra low	DG sets for construction phase. DG sets i
	sulphur diesel type and should conform to	used in case of power failure only.
	Environment (Protection) Rules prescribed for	Noise Abatement: DG sets will be provide
	air and noise emission standards.	with acoustic enclosures to suppress nois levels.
		Air Pollution Abatement: Stacks wit
		adequate height will be installed for th better dispersion of pollutants generate
		from DG set.
8.	The diesel required for operating DG sets shall be stored in underground tanks and if	DG sets is being used in case of power failure only. Diesel will be purchased o
	required, clearance from Chief Controller of Explosives shall be taken.	daily basis. There will be no bulk storage of diesel. If required, clearance from Chie Controller of Explosives will be taken. Th
		diesel purchasing slips is attached a
		Annexure II.
9.	Ambient noise levels should conform to	a) Incremental pollution load on th
	residential standards both during day and	ambient air and noise quality ar
	night. Incremental pollution loads on the	being closely monitored. Emission
	ambient air and noise quality should be closely	are within the permissible limits.
	monitored during construction phase.	b) Environmental monitoring analys
	Adequate measures should be taken to reduce	is incorporated in Chapter IV and la
	ambient air pollution and noise level during	reports are attached as Annexure
	construction phase, so as to conform to the	III.
	stipulated residential standards of CPCB/ MoEF.	
10.	Fly ash should be used as building material in	Fly ash / fly ash bricks will be used i

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No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27 th August, 2003.	construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27 th August, 2003.
11.	Storm water control and its re-use as per	It will be ensured that the provisions for
11.	CGWB and BIS standards for various applications should be ensured.	storm water control and its reuse are as per CGWB and BIS standards.
12.	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices.	Premixed concrete and curing agents will be 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 non- portable. 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 HUDA. No groundwater extraction will be done.
14.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.	This will be followed.
15.	Opaque wall should 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 will be as per the National Building Code, 2005.
16.	The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of fire fighting equipment, etc. as per National Building Code including protection measures from lightening etc.	 a) Adequate fire-fighting equipment as per the National Building Code 2005 including protection measures from lightening etc. are proposed for the site. b) The project falls under seismic active Zone IV indicating high damage risk zone. The building will
		be designed as earthquake resistan and comply with the required IS specifications, structural safety o
ronme	nt Aplinka Solutions & Technologies Pv	T T T M M - 1 - THE - THE - THE - I

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r. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
		the building due to earthquake.
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	Agreed.
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.	 a) 2 rain water harvesting pits ar proposed for the project. There wi be provision for silting chamber an removal of floating matter befor entering harvesting pit. b) RWH pits will be designed such that contaminated water does not enter any RWH pit.
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 permission regarding fire safety scheme/ NOC from competent Authority as required.	It will be provided for operation phase Permission regarding fire safety scheme i attached as Annexure-IV .
20.	The project proponent shall obtain assurance from DHBVN for total supply of 1145 KVA 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.	It will be followed.
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	Calculation of power load has already bee submitted to DHBVN and SEIAA.

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	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	shall be made for electrical infrastructure in	
	the project area.	
22.	The project proponent shall not raise any	There is no natural depression or water
	construction in the natural land depression/	course in the construction area and water
	Nallah/ Water course and shall ensure that the	flow is not being obstructed as weep holes
	natural flow from the Nallah/ water course is	will be maintained for flow of water coming
	not obstructed.	during rains.
23.	The project proponent shall keep the plinth	The building is designed as per the Nationa
	level of the building blocks sufficiently above	Building Code, 2005. All the guideline
	the level of approach road to the project as per	regarding the plinth levels and levels o
	prescribed by- laws. Levels of the other areas	other areas in the Project will be kep
	in the Project shall also be kept suitably so as to	suitably above so as to avoid flooding.
	avoid flooding.	
24.	Construction shall be carried out so that	The project is designed as per the norms o
	density of population does not exceed as	population density as set by Directorate
	approved by Director General Town and	Town and Country Planning Department
	Country Department, Haryana.	Haryana.
25.	The project proponent shall submit an affidavit	Ground water will not used for construction
	that with the declaration that ground water	Only treated water will be used fo
	will not be used for construction and only	construction.
	treated water should be used for construction.	
26.	The Project Proponent shall not cut any	There are no trees on the project site excep
	existing tree and project landscaping plan	for few shrubs and herbs. Hence, no tree
	should be modified to include those trees in	felling activity is required.
	green area.	
27.	The project proponent shall ensure that ECBC	Agreed. A ECBC report is attached as
	norms for composite climate zone are met.	Annexure V.
28.	The project proponent shall provide 3 meter	The project is surrounded with 3 meter high
	high barricade around the project area, dust	barricade. All the necessary precautions wil
	screen for every floor above the ground, proper	be taken to restrict the dust emission durin
	sprinkling and covering of stored material to	construction phase.
	restrict dust and air pollution during	
	construction.	
29.	The project proponent shall construct a	Agreed.
	sedimentation basin in the lower level of the	
	project site to trap pollutants and other wastes	
	during rains.	
30.	The project proponent shall provide proper	Proper rasta of proper width and prope
	I wante of warmon or still be and warmon or strong athe	strongth will be provided by the project
	rasta of proper width and proper strength for the project before the start of construction.	strength will be provided by the projec proponent before start of construction

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Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
		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 at the time of glass work.
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 to suppress the dust generation at the site. Proper respiratory protective equipments is being provided to all the construction workers on site for their proper safety. Photographs for the same is attached in Chapter II
33.	The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.	This will be followed according to norms of National Building Code.
34.	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Mining Permission is being obtained before the start of construction. A copy of the same is attached as Annexure VI
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/ commercialized.	Agreed.
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.	Agreed.
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.	Wastewater generation will be 68.7 KLD which will be treated in the STP of 100 KLD capacity. Treated water from STP will be reused in flushing, landscaping etc. within the project premises making it zero exit discharge. Permission for excess treated water discharge will be taken, if required.
38.	The project proponent shall maintain the	The distance between STP and water supply

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Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	distance between STP and water supply line	line will be maintain
39.	The project proponent shall ensure that the stack height is 6 meter more than the highest tower	Agreed.
40.	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	This will be followed.
41.	Vertical fenestration shall not exceed 60% of total wall area.	The overall fenestration in the building will not be more than 60% of the external surface area.
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 Rescue Plan is attached as Annexure VII
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 will be obtained after completion of construction phase and prior to operation phase of the project.
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 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	 a) STP of 100 KLD capacity will be installed for the treatment of sewage generated and treated effluent will be recycled to the maximum extent possible to achieve zero exit discharge. b) Tertiary treatment based technology is proposed for the STP. c) STP is proposed to be installed prior to the occupancy.

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	as the case may be.	
C.	Separation of the grey and black water should be done by the use of dual plumbing line. Treatment of 100% grey water by	a) Dual plumbing system is proposed for the separation of black water and grey 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	 b) The recycled water will be used for flushing, and landscaping. c) As this water is to be reused in flushing BOD will be maintained <5 ppm.
d)	For disinfection of the treated wastewater ultra	Ultra-violet technology will be used for
	violet radiation or ozonization process should be used.	disinfection.
e)	Diesel Power generating sets proposed as source of backup power for lifts, common area illumination and for domestic use should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The location of the DG sets shall be in the open as promised by the project proponent with appropriate stack height i.e. above the roof	 a) DG Sets will be used only in case of power failure. b) The height of DG Stacks will be raised at least 6m above the highest roof level or as per CPCB norms. c) To avoid noise pollution acoustic enclosure will be placed over the DG Set as per rules made under the
	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.	Environment (Protection) Act, 1986. d) Ultra low sulphur diesel will be used in DG sets instead of low sulphur diesel.
f)	Ambient Noise Level should be controlled to ensure that it does not exceed the prescribed standards both within and at the boundary of the proposed Commercial Complex.	Ambient noise level will be controlled both within and at the boundary of the project so that it does not exceed the prescribed standards.

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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 will be developed as per plan submitted to SEIAA, Haryana. Trees will be 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. The 1955.70 sq. m. of the project area will be preferably landscaped. Landscape plan is attached as Annexure VIII .
h) i)	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. Rain water harvesting for roof runoff and surface runoff as per plan submitted should be	Water demand will be minimized in irrigation of landscape by minimizing grass area, using native variety, xeriscaping and mulching utilizing efficient irrigation system. Irrigation will be scheduled only after checking evapo-transpiration data. a) Total 02 rain water harvesting pits
	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	 are proposed. b) Rainwater harvesting as per plan for roof run-off and surface run-off will be implemented. c) Suspended matter, oil and grease will be removed by treatment before recharging with surface run-off. The bore well for recharge will be kept at least 5 m. above the highest ground water table. d) Site plan showing location of RWH pits is attached as Annexure XVII.

Project Name	Six Monthly Compliance report for Corporate Office Building			
Project Proponent	M/s Hyundai Motor India Ltd.]	June 2018	
Droject Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,		Julie 2010	
Project Address	Haryana			

r . No .	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
j)	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	The ground water quality and its level wil be monitored from nearby villages ir consultation with CGWA, if required.
k)	A report on the energy conservation measures conforming to energy conservation norms finalize by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology; R & U factors etc. and submit to the SEIAA in three month time.	This will be followed.
l)	Energy conservation measures like installation of LED for lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. Use of solar panels must be adapted to the maximum extent possible for energy conservation.	 a) LEDs will be used at most of the locations inside the project & near boundary wall as a measure of energy conservation. b) Solar lights have been proposed for open spaces, common area, and landscape area. c) Used LEDs will be properly collecter and disposed of as per the guideline mentioned in the E-Waster (Management) Rule, 2016.
m)	The project proponent shall use zero ozone depleting potential material in insulation, refrigeration, air-conditioning and adhesive. Project proponent shall also provide Halon free fire suppression system.	This will be followed.
n)	The solid waste generated should be properly collected and segregated as per the requirement of the MSW Rules, 2000 and as amended from time to time. The bio- degradable waste should be treated by appropriate technology (proposed OWC) at the site earmarked within the project area and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	 a) The solid waste generated will be collected and segregated as per the requirement of the Solid Waste Management Rules, 2016. b) Bio-degradable waste will be composted by using organic waste converter of capacite 1280 kg/day at the site earmarked withing the project area or as per the latest available technology. c) Dry/inert solid waste will be disposed of to the approved sites for land filling after recovering recyclable material.
0)	The provision of the solar water heating system shall be as per norms specified by	It will be followed as per the latest HARED norms.

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Project Name	Six Monthly Compliance report for Corporate Office Building	
Project Proponent	M/s Hyundai Motor India Ltd.	June 2010
Project Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,	 June 2018
	Haryana	

r. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	HAREDA and shall be made operational in each	
	building block.	
p)	The traffic plan and parking plan proposed by the PP should be adhered to meticulously with further scope of additional parking for further	All the parking during operation phase wil be as per the parking plan. There will be no traffic congestion as bell shaped entry and
	requirement. There should be no traffic congestion near the entry and exit points from	exit will be provided. Parking-cum-traffic circulation plan is attached as Annexure IX
	the roads adjoining the proposed project site. Parking should be fully internalized and no public space should be used.	
q)	The project should be operationalized only once HUDA will provide domestic water supply system in the area	Permission has been obtained from HUD, for supply of domestic water durin operation phase. Copy of the same is attached as Annexure X .
r)	Operation and maintenance of STP, solid waste management and Electrical Infrastructure shall be ensured even after the completion of project.	Operation & maintenance of STP & othe waste management systems will be done of the basis of Annual Maintenance Contracts A copy of the same will be submitted a soon as the waste management systems ar installed & operated before the project enters the operational phase.
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.	Different types of wastes will be disposed off as per the provisions of municipal soli waste, biomedical waste, hazardous waste e- waste, batteries and plastic rules mad under Environment Protection Act, 198 and subsequent amendments.
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.	The entire standards for discharge of environmental pollutants will be followed a enshrined in various schedules of rule 3 of Environment Protection Rule 1986 an subsequent amendments.
		This will be followed.

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Project Name	Six Monthly Compliance report for Corporate Office Building	
Project Proponent	M/s Hyundai Motor India Ltd.	June 2018
Project Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,	 Julie 2010
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r. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	against failure in the operation of wastewater treatment facilities. The project proponent shall also identify acceptable outfall for treated effluents.	
v)	The project proponent shall ensure that the stack height of DG sets is more than the highest tower and also, ensure that the emission standards of noise and air are within the CPCB latest prescribed limits. Noise and emission level of DG sets greater than 800 kVA shall be as per CPCB latest standards for high capacity DG sets.	Stack Height of DG Sets will be maintained m above the height of the tallest building of as per CPCB norms. The emission standard of noise & air will be within the CPC prescribed limits.
w)	All electric supply exceeding 100 amp, 3 phase shall maintain the power factor between 0.98 lag to 1 at the point of connection.	This will be followed.
x)	The project proponent shall minimize heat island effect through shading and reflective or pervious surface instead of hard surface.	This will be followed.
y)	The project proponent shall not use fresh water for HVAC and DG cooling. Air based 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.	This will be followed.
z)	The project proponent shall ensure that the 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.	This will be followed at the time of transformer installation.
	Water Supply shall be metered to different	Separate meters will be provided t

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Project Name	Six Monthly Compliance report for Corporate Office Building	
Project Proponent	M/s Hyundai Motor India Ltd.	June 2010
Project Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,	June 2018
FIOJECT AUTIESS	Harvana	

Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
		and different utilities. Provision will be
		made to record total input & output water a
		the project site during operation phase to
		monitor usage.
ab)	The project proponent shall ensure that exit	Agreed.
	velocity from the stack should be sufficiently	
	high. Stack shall be designed in such a way that	
	there is no stack-down wash under any	
	meteorological conditions.	
ac)	The project proponent shall provide water	Water sprinklers will be provided in law
	sprinkling system in the project area to	area and open area for the suppression of
	suppress the dust in addition to the already	dust during operation phase.
	suggested mitigation measures in the Air	
	Environment Chapter of EMP.	
ad)	The project proponent shall provide additional	This will be followed.
	green area on terrace and roof top.	
ae)	The project proponent shall ensure proper Air	This will be followed.
	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	Agreed.
	for energy conservation.	
PART B:	GENERAL CONDITIONS:	
1.	The Project proponent shall ensure the	Agreed.
	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.	
	The project proponent shall also submit six	Six monthly compliance reports will b
2.	1 / 1 1	
2.	monthly reports on the status of compliance of	regularly submitted to Haryana Stat

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Project Name	Six Monthly Compliance report for Corporate Office Building		
Project Proponent	M/s Hyundai Motor India Ltd.		June 2018
Ducient Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,		Julie 2016
Project Address	Haryana		

Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	of monitored data (both in hard copies as well	MoEF&CC, GOI, Northern Region,
	as by e mail) to the northern Regional Office of	Chandigarh and SEIAA, Haryana.
	MoEF, HSPCB and SEIAA Haryana.	
3.	STP outlet after stabilization and stack	Agreed.
	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	
	conduct environmental audit and shall take	
	corrective measure, if required, without delay.	
4.	The SEIAA, Haryana reserves the right to add	Agreed. The SEIAA Haryana reserves the
	additional safeguard measure subsequently, if	right to add additional safeguard measur
	found necessary. Environmental Clearance	subsequently, if found necessary.
	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	Agreed.
	judicial orders/ pronouncements issued by the	
	any Court/Tribunal.	
6.	All other statutory clearances such as the	All the required and necessary permission
	approvals for storage of diesel from Chief	have been obtained.
	Controller of Explosives, Fire Department, Civil	a) NOC from Deputy Conservator o
	Aviation Department, Forest Conservation Act,	Forests has been obtained. Copy o
	1980 and Wildlife (Protection) Act, 1972,	the same is attached as Annexur
	Forest Act, 1927, PLPA 1900, etc. shall be	XI.
	obtained, as applicable by project proponents	b) Aravali NOC has also been obtained
	from the respective authorities prior to	and is attached as Annexure XII
	construction of the project	c) NOC from Airport Authority of Indi
		has also been obtained. Copy of th
		same is attached as Annexure XIII.
		Other permissions regarding operation
		phase will be obtained.
7.	The project proponent should inform the	An advertisement in two local newspaper
	public that the project has been accorded	was published to inform the public that the
	Environment Clearance by the SEIAA and	project has been accorded Environmen
	copies of the clearance letter are available with	Clearance by the SEIAA, Haryana. A copy o
	the State Pollution Control Board & SEIAA. This	the same is attached as Annexure XIV

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Project Name	Six Monthly Compliance report for Corporate Office Building		
Project Proponent	M/s Hyundai Motor India Ltd.	L	
Ducient Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,	June 2018	
Project Address	Haryana		

Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	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	
	be put on project proponent web site for public	
	awareness.	
8.		Agroad
0.	1	Agreed.
	(Protection) Act, 1986 legal action shall be	
	initiated against the project proponent if it was	
	found that construction of the project has been	
	started before obtaining prior environmental	
	clearance.	
9.	Any appeal against this Environment Clearance	Agreed.
	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.	
10.	Corporate Environment and Social	An Undertaking regarding CSR activities is
	Responsibility (CSER) shall be laid down by the	attached as Annexure XV
	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.	
11.	The fund ear marked for environment	This will be followed.
11.		
	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	

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Project Name	Six Monthly Compliance report for Corporate Office Building		
Project Proponent	M/s Hyundai Motor India Ltd.] [June 2018
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Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	rules prescribed for Environment Audit.	
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 is attached as Annexure XI.
13.	The project proponent shall ensure that no	PUC certificate of the vehicles during
13.	vehicle during construction/operation phase enter the project premises without valid 'Pollution Under Control' certificate from competent Authority.	construction phase is attached as Annexure XVI .
14.	Besides the Developer/applicant, the 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.	Agreed.
15.	The proponent shall upload the status of 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 _{2.5} , PM ₁₀ , SO _x , NO _x , 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.	Agreed.
16.	The environmental statement for each financial year ending 31 st 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	This will be followed.

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Project Name	Six Monthly Compliance report for Corporate Office Building	
Project Proponent	M/s Hyundai Motor India Ltd.	June 2018
Droject Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,	June 2010
Project Address	Harvana	

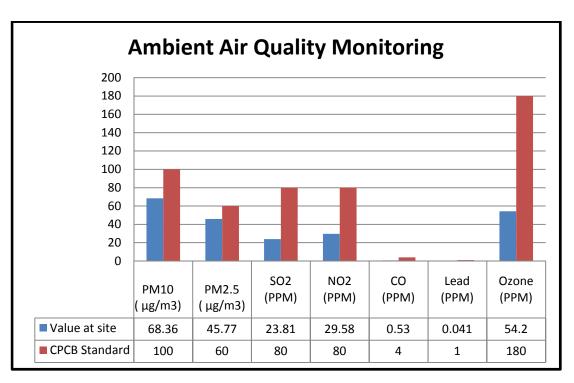
Sr. No.	ENVIRONMENTAL CLEARANCE CONDITIONS	COMPLIANCE
	of the company along with the status of	
	compliance of the EC conditions and shall also	
	be sent to the respective Regional Offices of	
	MoEF by e-mail.	
17.	The project proponent shall conduct	Noted.
	environment audit at every three months	
	interval and thereafter corrected measures	
	shall be taken without any delay. Details of	
	environmental audit and corrective measures	
	shall be submitted in the monitoring report.	
18.	The project proponent shall seek fresh	Agreed.
	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	
	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	
	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	

Project Name	Six Monthly Compliance report for Corporate Office Building	
Project Proponent	M/s Hyundai Motor India Ltd.	June 2018
Droject Address	Plot No. C-11 in City Center, Sector – 29 at Urban Estate – II, Gurugram,	June 2010
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CHAPTER IV: ENVIRONMENTAL MONITORING ANALYSIS

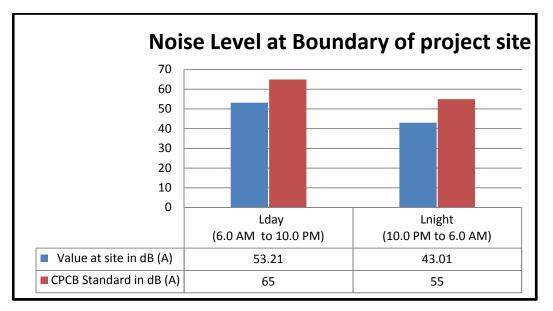
Site visit was conducted along with team of NABL Accredited Laboratory "Chemical Analysis Lab" for monitoring of the emission levels and contamination level of different parameters. The monitoring and collection of samples were done as per CPCB Norms. Following parameters were analyzed and observations are mentioned below. Monitoring results are attached as **Annexure III.**

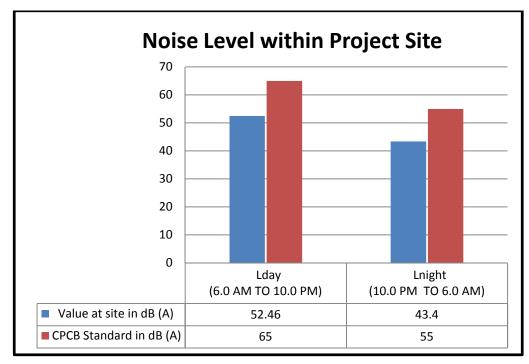
A. Ambient Air Quality Monitoring: Air Quality has been monitored in the month of March 2018. The levels of PM_{10} and $PM_{2.5}$ are 68.36 µg/m³ and 45.77 µg/m³ respectively. The levels of PM_{10} and $PM_{2.5}$ are within the permissible limit of 100 µg/m³ and 60 µg/m³. SO₂, NO_x and CO was also observed to be within the corresponding stipulated limits.



B. Ambient Noise Quality Monitoring: Noise measurements were carried out at the boundary of project site and within the project site in the month of March 2018. Ambient standards with respect to noise both for Lday and Lnight are met and all the parameters are within the prescribed limits set by CPCB.

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Project Proponent	M/s Hyundai Motor India Ltd.		June 2018
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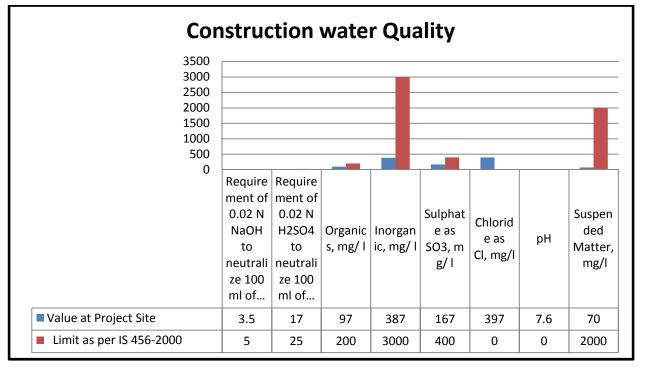




C. Water Quality Monitoring: Water quality has been monitored in the month of March 2018 STP Treated water used for construction purpose was taken for analysis. No significant observation was made during the monitoring and analysis. All the parameters are within the prescribed limits.

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CHAPTER V: IMPLEMENTATION IN NEXT SIX MONTHS

Following measures will be taken in the next six months to comply with the conditions as mentioned in the Environmental Clearance letter:

- 1. Frequent monitoring of DG Set Stacks will be done for any kind of soot or other particulate matter which may be an indication of incomplete burning of fuel.
- 2. Water sprinkling will be done so that fugitive dust emission gets reduced.
- 3. Safety trainings will be provided to the workers that will be working at the time of construction.