

DLF Homes Panchkula Pvt. Ltd.

SOC 190,191,192, Sector-84,
Chandigarh - 160009
Phone: 0172 4697750, 4070000
Website: www.dlf.in
CIN No: U45400HR50007F1LG3844



Dated

To:

Director (S)
Ministry of Environment & Forests, Regional Office (North)
Government of India
Bldg No. 24-25, Sector-31A
Chandigarh

**Subject: Six monthly report submission for the project namely "DLF Garden City" at
Bhagwanpur, Pinjore- Distt Panchkula.**

Sr.

We are enclosing along six monthly compliance report for period ending 31st March, 2016 along with compliance of the stipulated environmental conditions of the EC. All relevant details/documents are attached as annexure for your kind consideration. In addition to the test reports on ambient air, water and noise levels are also attached. Scan copy of the complete report is also given along-with a CD.

Thanking you

Sincerely,

For M/s DLF Homes Panchkula Pvt. Ltd.

A handwritten signature in black ink, appearing to be 'Chand' or similar, written over a horizontal line.

(Authorized Signatory)

SIX MONTHLY COMPLIANCE REPORT

(Period ending 31.03.2016)

For

**DLF GARDEN CITY
VILLAGE ISLAM NAGAR, KALKA PINJORE URBAN
COMPLEX, SECTOR-3,
PANCHKULA**

Project by:

M/s DLF Homes Panchkula Pvt. Ltd.

Office: DLF Home Developers Ltd.

Chandigarh Technology Park, Plot No. 2, Tower-D,

Ground Floor, Chandigarh-160101

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Ministry of Environment, Forests & Climate Change
Northern Regional Office,
Chandigarh-160030

DATA SHEET

1.	Project Type	Integrated Township Construction Project
2.	Name of the Project	DLF Garden City, Village Islam Nagar, Kafka Pancha Urban Complex Sector-1, Panchkula
3.	Clearance letter (s)/O.M No. & dates	Project By: M/s DLF Homes Panchkula Pvt. Ltd Environment Clearance has been granted vide letter no. SP/AA/HR/2015/109 dated 05.02.2015 Copy of same is attached as Annexure-1 .
4.	Location	
	a) District (s)	Panchkula
	b) State (s)	Haryana
	c) Latitudes/ Longitudes	30°45'08.66" N 76°54'52.58"E
5.	Address for correspondence	M/s DLF Homes Panchkula Pvt. Ltd. Chandigarh Technology Park, Plot No.-2, Tower-D, Ground Floor, Chandigarh
6.	Salient features	
	a) of the project	The project comprises of the construction of multistoried residential building plus Crèche, Nursery, Primary School, High School, dispensary, Club Community Centre, Sub Post office and religious buildings. The project involves the Revision and Expansion of the project. After expansion and revision, the total plot area will be 209.603 acres and the total built up area will be 106741.15 sq.m.
	b) of the environmental management plans	After Revision and Expansion of the project, the total water requirement will be 4376 KLD. The total wastewater generation from the project will be 2642 KLD which will be treated in a STP of 3670 KLD capacity to be installed within project premises. The total quantity of solid waste generation will be 22410.85 kg/day, which will be segregated into organic and inorganic waste. The power requirement will be 55500 KVA.
7.	Break-up of the project area	
	a) Submergence area: Forest and Non-forest	Not applicable
	b) Others	Not applicable
8.	Break-up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only both dwelling units and agricultural land and landless labourers/artisans.	Not applicable
	a) SC/ST/Adivasis	Not applicable

b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out give details and year of survey)

Not applicable

Financial details:

a) Project cost as originally planned and subsequent revised estimates and the year of price reference.

Total cost: Rs. 594 Crore

b) Allocations made for environmental management plans with item wise and year wise break up.

S. No.	Environment Management Plan	Capital Investment	Recurring Expenditure
1	Dust Management during construction phase as sprinkling of water	-	Rs.5,000/month
2	Provision of DG sets with acoustic enclosures	Rs. 30.8 Lacs	Rs.84,000/month
3	Provision of safe water supply to labours	-	Rs.15,000/month
4	Provision of septic tanks and other hygienic measures at labours coming site.	Rs. 4.0 lacs	Rs.11,400/month
5	Provision of First Aid	-	Rs.36,000/month
6	Tree plantation and landscaping	Rs. 200 Lacs	
7	Waste management	Rs. 45 Lacs	
8	Provision of PPE to workers including safety measures at site	-	Rs1,24,000/month
9	Provision of safe water supply and toilets with septic tanks for staff	Rs. 11.2 Lacs	Rs70,000/month
10	Rain water harvesting Pits and Solar Lights	Rs. 567 Lacs	
11	Environmental monitoring	-	Rs.100000/six months

c) Benefit cost ratio/internal rate of return and the year of assessment

Will be calculated and submitted

	d) Whether (c) includes the cost of environmental management as shown in b) above.	Yes
	e) Actual expenditure incurred on the project so far.	Rs.487 crore (upto march 16)
	f) Actual expenditure incurred on the environmental management plans so far.	Rs. 56 crore and Rs. 18 lacs in last 6 months after expansion and revision of plan
10.	Forest land requirement:	
	a) the status of approval for diversion of forest land for non-forestry use	Not Applicable.
	b) the status of clear felling, if any	Not Applicable.
	c) the status of compensatory afforestation, if any.	Not Applicable.
	d) Comments on the viability & sustainability of compensatory Afforestation programme in the light of actual field experience so far.	Not Applicable.
11.	The status of clear felling in non forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information	Not applicable
12.	Status of construction:	
	a) Date of commencement (actual and/or planned)	October, 2011 (Actual)
	b) Date of completion (actual and/or planned)	April, 2017 (As planned)
13.	Reasons for the delay, if the project is yet to start	Not applicable

Compliance report on conditions imposed in Environmental Clearance for Period ending 31.03.2016

PART A - SPECIFIC CONDITIONS

1. Construction Phase

S.No.	EC Conditions	Compliance Status
1.	"Consent to establish" shall be obtained from Haryana State Pollution Control Board under Air and Water Act and a copy shall be submitted to the State level Environment Impact Assessment Authority (SEIAA), Haryana before the start of any construction work at the site.	Agreed. "Consent to Establish" has been will be obtained from Haryana State Pollution Control Board Under Air and Water act. Copy attached along as Annexure-2
2.	A first aid room as proposed in the project report shall be provided both during construction and operation of the project.	First Aid room has been provided at the site.
3.	Adequate drinking water and sanitary facility shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labors is strictly prohibited. The safe disposal of waste water and solid wastes generated during construction phase should be ensured.	Agreed. There is a provision for adequate drinking water facility and Community toilets at construction site for workers. Open defecation by the labors and any staff is strictly prohibited. Test report of water sample is along at Annexure-3
4.	All the topsoil excavated during construction activities should be stored for use in horticulture/landscape development within the project site in the project.	The excavated topsoil is stored within the project site for horticulture/ 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 of construction waste should not create any adverse effect on the neighboring communities and should be disposed off after taking precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Agreed. Muck including excavated material during construction phase is disposed of taking the necessary precautions for general safety and health aspects of people.

6.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate water courses and the dump sites for such material must be secured so that they should not leach to the ground water.	Agreed. Construction spoils including bituminous material and other hazardous materials is being stored separately and not allowed to contaminate water courses. The dump sites for such material is done on the designated sites so that it does not leach into the ground water. Materials are disposed off as per application rules and norms of the Haryana State Pollution Control Board.
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.	Agreed. Low sulphur diesel as per availability in the market is used as DG sets fuel and run on only as a source of backup.
8.	The diesel required for operating DG set shall be stored in underground tanks and if required, clearance from chief controller of explosives shall be taken.	Agreed. The diesel required for operating DG set is stored if the quantity that is stored, increases the threshold limit, clearance from chief controller of explosive will be obtained.
9.	Ambient noise levels should conform to 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 stipulated residential standards of CPCB/MoEF.	Ambient noise levels are conformed to residential standards both during day and night. Pollution loads on the ambient air and noise quality are closely monitored during construction phase. Test reports are attached as Annexure-3 .
10.	Fly ash shall be used as building material in the construction as per the provisions of Fly Ash Notification of September 1999 and as amended on 27th August 2003.	Agreed during construction fly ash based material/ products is proposed as per the provisions of fly ash notification of September, 1999 and as amended on 27 th August, 2003.
11.	Storm water control and its re-use as per Central Ground Water Board and BIS Standards for various applications should be ensured.	Storm water control management as proposed in the environmental clearance is being complied. The drawing showing location of RWII pits and cross section of RWII pits is attached along as Annexure-4
12.	Water demand during construction should be reduced by use of pre mixed concrete, curing agents and other best practices referred.	Measures are taken to reduce the water demand during construction.
13.	Roof should meet the perspective requirement as per energy conservation building code by using appropriate thermal insulation material.	Agreed and accepted.

14.	Opaque wall should meet perspective requirement as per energy conservation building code which is proposed to be mandatory for all air conditioned spaces while it is aspiration for non air conditioned spaces by use of appropriate thermal insulation material to fulfil requirement.	Agreed. Materials having appropriate R & U Values is proposed meet prescriptive requirement of Opaque Wall as per Energy Conservation Building Code.
15.	The approval of competent authority shall be obtained for structural safety of the buildings due to earthquake, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightning etc. if any forest land is involved in the proposed site clearance under the forest conservation act shall be taken from the competent authority.	The drawings of the project are made by approved structural consultant Vintec Consultants N Delhi engaged by us and duly approved by town and planning department, Haryana and taking into consideration that building requirements as per Zone-IV w.r.t earthquakes.
16.	The project proponent as stated in proposal shall construct 251 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 that contaminated water do not enter any RWH pit.	251 Nos. of RWH pits will be constructed in due course of time. Drawing showing the schematic view is attached as Annexure-4 .
17.	The Project Proponent shall provide for adequate fire safety measures and equipments as required by Haryana Fire Service Act, 2009 and instruction issued by the local Authority/Directorate of fire from time to time. Further the project proponent shall take necessary permission regarding the fire safety scheme/NOC from competent Authority is required	Agreed. Adequate fire safety measures and equipments will be provided by the Project Proponent as required by Haryana Fire Service Act, 2009 and instruction issued by the local Authority/Directorate of fire from time to time.

18.	The project proponent shall obtain assurance from the JEBVN for supply of 35500 KVA of power supply before start of construction. In no case project will be operational solely on generators without any power supply from any external power utility.	Agreed and accepted. It will be obtained.
19.	Detail calculation of power load and ultimate power load of the project shall be submitted to JEBVN under intimation to SEIAA Haryana before the start of construction. Provisions shall be made for electrical infrastructure in the project area.	Agreed and accepted.
20.	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.	Agreed. The natural land depression Nallah / Water course will not be obstructed.
21.	The project proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the project. level of the other areas in the projects shall also keep suitably so as to avoid flooding.	Agreed. The plinth level of the building block is above the level of the approach road as prescribed by laws. Levels are suitably maintained to avoid flooding.
22.	Construction shall carried out so that density of population does not exceed norms approved by the Director General Town and Country Department Haryana.	Agreed. Construction is being done as per Building Plan to maintain population density.
23.	The project proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.	Agreed and accepted.
24.	The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.	Agreed, project landscaping is so planned that the existing trees if any will be included
25.	The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECBC norms.	Agreed and accepted.

26.	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.	Agreed and accepted.
27.	The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.	Agreed and accepted. A sedimentation basin is constructed in the lower level of the project site to trap pollutant and other wastes during rains.
28.	The project proponent shall provide proper roads of proper width and proper strength for the project before start of construction.	Agreed. Roads of appropriate width and strength is constructed for vehicular movement and to prevent traffic congestion before the start of construction.
29.	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.	Agreed. It will be ensured 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.
30.	The project proponent shall adequately control construction dusts like silica dust, non-silica dust and wood dust. Such dusts shall not spread outside project premises. Project Proponent shall provide respiratory protective equipment to all construction workers.	Agreed. Construction dusts like silica dust, non-silica dust and wooden dust will be controlled properly by sprinkling and providing wind wall barriers. Dust does not spread outside project premises. Respiratory protective equipment such as masks etc is provided to all construction workers.
31.	The project proponent shall provide fire control room and fire officer for building above 30 meter as per National Building Code.	Agreed and accepted.
32.	The project proponent shall obtain permission of Mines and Geology Department for excavation of soil before the start of construction.	Agreed and accepted.
33.	The project proponent shall provide one refuge area till 24 meter and one till 39 meter each, as per National Building Code. the project proponent shall not convert any refuse area in the habitable space and it should not be sold out/commercialized.	Agreed and accepted.
34.	The project proponent shall seek specific prior approval from concerned local Authority/ HUDA regarding provision of storm drainage and sewerage system	Agreed and accepted.

	including their integration with external services of HUDA/ Local authorities beside other required services before taking up any construction activity.	
35.	The site for solid waste management plant be earmarked on the layout plan and the detailed project after setting up the solid waste management plant shall be submitted to the authority within one month.	The site for solid waste management is earmarked. The details on solid waste management will be submitted within next six monthly report.
36.	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.	Agreed and accepted. Permission of discharge of excess of treated waste water/storm water in the public drainage system will be taken before the same generating.
37.	The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.	Agreed and accepted.
40.	The project proponent shall obtain NOC from Irrigation Department before the start of development work.	Agreed and Accepted.
41.	The project shall have the provision for infrastructure services (water supply, sewer, storm water lines etc) to accommodate the additional load arising from population residing in other lands falling within the project limits/ vicinity.	The load on water supply storm and sewer has been calculated accordingly.
42.	The project shall provide the storm water drainage system in the project area strictly in accordance with the storm water drainage plan submitted with the STIAA Haryana	The storm water drainage system is being provided as per the plan.
43.	The project proponent shall not raise any construction activity in the ROW reserved/ acquired for High Tension Wire passing through the project area and shall maintain horizontal and vertical ROW as required under Indian Electricity Rules, 1956/ DHBVN latest instructions.	Agreed and accepted.

44.	The project proponent shall provide water supply @ 125 lpcd instead of 111 lpcd water supply. sewerage, STP and other services shall be provided accordingly.	Agreed and accepted.
45.	The project proponent shall development of Old age home as per the plan Marked "A-11/79th" earmarking space for Old age home	Agreed and accepted.
46.	The project proponent shall take up construction activity in the flood prone area only after specific approval from Irrigation Department/ IRUDA/ DGEP Haryana	Agreed and accepted.

II. Operation Phase: The project is still under construction phase so compliances of operation phase is not applicable.

Part B. General conditions

Sr. No.	Conditions	Reply
1.	The project proponent shall ensure the 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.	Environmental Safeguards as prescribed by the ministry of environment and forests in the clearance document is being implemented in true spirit both during the construction and same will be implemented during operation phase.
2.	The project proponent shall also submit six 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, the respective Zonal Office of CPCB, HSPCB and SEIAA, Haryana.	We are regularly submitting six monthly monitoring reports to the northern regional office, MoEF, respective zonal office, Haryana.
3.	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 3 (three) months, the project proponent shall conduct environmental audit and shall take corrective measure, if required, without delay.	The environmental parameters will be monitored as per the guidelines. Environmental audit will be conducted and the details will be submitted with the next six monthly report.
4.	The SEIAA, Haryana reserves the right to add additional safeguard measures subsequently, if found necessary. Environmental Clearance granted will be revoked if it is found that false	Yes, the ministry reserves the right to add additional safeguards measures subsequently, if found necessary and to take action

	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	including revoking of the environmental clearance under the provision of EPA 1986 to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.
5.	The Project Proponent shall not violate any judicial orders/ pronouncements issued by any Court/ Tribunal,	We promise to comply this condition satisfactorily and not to violate any judicial orders/ pronouncements issued by the any Court / Tribunal.
6.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, PLPA 1900, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.	Agreed, Copy attached along as Annexure-5.
7.	The Project Proponent should inform the public that the project has been accorded Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers 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's web site for public awareness.	Agreed and accepted.
8.	Under the provisions 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 started before obtaining prior Environmental Clearance	The construction work was started only after obtaining the environmental clearance.
9.	Any appeal against the this Environmental 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	Agreed and accepted.

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.	Agreed and accepted.
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 SEIAA/ RO MoEF, GoI under rules prescribed for Environment Audit.	The funds will be maintained as per the guidelines.
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	Agreed and accepted
13.	The Project Proponent shall ensure that no vehicle during construction/ operation phase enter the project premises without valid "Pollution under Control" certificate from competent Authority.	Agreed. Copy of PUC is attached as Annexure-6
14.	The project proponent shall seek fresh Environmental Clearance if at any stage there is change in the planning of the proposed project.	Agreed and accepted.
15.	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 the town & Country Planning Department, Haryana.	It will be ensured that compliance of Environmental safeguards/ conditions imposed in the Environmental Clearance are complied by all.
16.	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	The status of the compliance of the stipulated Environment Clearance conditions, including results of monitored data will be uploaded after submission of the hard copy of MoEF and CC.

	<p>levels namely; PM_{2.5}, PM₁₀, SO₂, NO₂, Ozone, Lead, CO, Benzene, Armonia, Benzopyrene, arsenic and Nickel (Ambient levels as well as stack emissions) or critical sectoral parameters indicated for the project shall be monitored and displayed at a conventional location near the main gate of the company in the public domain.</p>	
17.	<p>The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the HSPCA 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.</p>	<p>Agreed. Form V will be submitted with the next six monthly report.</p>
18.	<p>The project proponent shall conduct 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.</p>	<p>It will be conducted at regular interval.</p>

No. SEIAA/HR/2013/103

Dated: 21.11.2013

To

M/s DLF Homes Panchkula Pvt. Ltd
 C/o M2bindar Slaght AVP Chandigarh Technology Park,
 Plot No.2, Tower D, Ground Floor, Chandigarh 160131

Subject: Environment Clearance for the Revision and Expansion of DLF Township "DLF Garden City" at village Islam Nagar, Kalka Pinjore Urban Complex Sector-3, Panchkula.

Dear Sir,

This letter is in reference to your application no. nil dated 28.11.2012 addressed to M.S. SEIAA, Haryana received on 04.12.2012 and subsequent letters dated 03.01.2013, 06.02.2013, 15.03.2013 and 25.05.2013, seeking prior Environmental Clearance for the above project under the EIA Notification, 2006. The proposal has been appraised, as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application v.z., Form-1, Form-A, Conceptual Plan, EIA/EMP or the basis of approved TOR and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MOEF, GOI vice their Notification 23.3.2012, in its meetings held on 30.01.2014, 28.02.2013, 30.04.2013 and 18.06.2013 awarded "Gold" grading to the project.

[2] It is inter-alia noted that the project involves the Revision and Expansion of "DLF Township "DLF Garden City" at village Islam Nagar, Kalka Pinjore Urban Complex, Sector-3, Panchkula with the proposal as given under

Particulars	Existing	Expansion	Total
Total Block area	191.42 acres	181.75 acres	209.02 acres
Buildup area	191305 sqm	5523815 sqm	10674115 sqm
Greenbelt (3%)		(24% tree plantation + 13% lap/scaping)	
Total water requirement	1026 KLD	250 KLD	1436 KLD
Fresh water requirement	2300 KLD	717 KLD	2017 KLD
Waste water generation	1541 KLD	491 KLD	2012 KLD
Storm water	2300 KLD	717 KLD	2017 KLD
Power requirement	3000 KVA	2500 KVA	4500 KVA
Waste	2000 TPD	1300 TPD	2240 TPD
Soil requirement	1500 TPD	250 TPD	1300 TPD

It is noted that the project has been approved by the State Expert Appraisal Committee (SEAC) after due consideration of the project and its impacts. The project has been approved for the expansion and revision of the project. The project has been approved for the expansion and revision of the project. The project has been approved for the expansion and revision of the project.

conditions. Accordingly, the State Environment Impact Assessment Authority in its meeting held on 09.01.2015 decided to agree with the recommendations of MCA to accord necessary environmental clearance for the project under Category B(b) of EIA Notification 2006 subject to the strict compliance with the specific and general conditions mentioned below:-

PART A-

SPECIFIC CONDITIONS:-

Construction Phase:-

- [1] "Consent for Establishment" 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.
- [2] A first aid room as proposed in the project report shall be provided both during construction and operational phase of the project.
- [3] Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision should be made for mobile toilets. Open defecation by the labourers is strictly prohibited. The safe disposal of waste water and solid wastes generated during the construction phase should be ensured.
- [4] All the topsoil excavated during construction activities shall be stored for use in horticulture/landscape development within the project site.
- [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 neighboring communities and should be disposed of after taking necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- [6] Construction spoils including brumblings material and other hazardous materials must not be allowed to accumulate wherever and the dump sites for such materials 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.
- [7] Diesel generators, if used during construction phase shall be operated by skilled diesel engine operator in accordance to Environment (Protection) Rules prescribed for air quality emission standards.
- [8] Explosives required for construction shall be stored in underground tanks and used only for construction of the tunnel for Explosives shall be kept in the
- [9] Amount of fly ash shall conform to the residential standard of 100 during day time and the operational period and the amount of ash shall be kept below the level of 200 mg/m³ during night time and the amount of ash shall be kept below the level of 100 mg/m³ during day time and the amount of ash shall be kept below the level of 200 mg/m³ during night time.

reduce ambient air pollution and noise level during construction phase so as to conform to the stipulated residential standards of CPCB/MoEF.

- [10] Fly ash shall be used as binding material in the construction as per the provisions of Fly Ash Notification of September 1999 and as amended on 27th August 2011.
- [11] Storm water control and its re-use as per CCIWB and BIS standards for various applications should be ensured.
- [12] Water demand during construction shall be reduced by use of re-used concrete, curing agents and other best practices.
- [13] Roof must meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material.
- [14] 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 fulfill requirement.
- [15] The approval of the competent authority shall be obtained for structural safety of the building on account of earthquake, adequacy of fire fighting equipments, etc. as per National Building Code including protection measures from lightning etc. If any forest land is involved in the proposed site, clearance under Forest Conservation Act shall be obtained from the competent Authority.
- [16] The Project Proponent as stated in proposal shall construct 25 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 silt 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 that contaminated water do not seep into any BWH pit.
- [17] 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 action in regard to fire safety scheme/NOC from competent authority as stipulated.
- [18] The Project Proponent shall obtain assurance from local M.B.N. for supply of 6500 KW. (6.5 MW) power supply before the start of construction. In no case project will be operational solely on generators. In addition, power supply from any other source is not allowed.
- [19] On start of construction, a stand alone ultimate power grid for the project shall be submitted to M.B.N. for submission to SEEA, Haryana before the start of construction. Stand alone power grid shall include all infrastructure in the project area.

- [20] 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.
- [21] The Project Proponent shall keep the plinth level of the building blocks sufficiently above the level of the approach road to the Project. Levels of the other areas in the Projects shall also be kept suitably so as to avoid flooding.
- [22] Construction shall be carried out so that density of population does not exceed norms approved by Director General Town and Country Department Haryana.
- [23] The Project Proponent shall submit an affidavit with the declaration that ground water will not be used for construction and only treated water should be used for construction.
- [24] The project proponent shall not cut any existing tree and project landscaping plan should be modified to include those trees in green area.
- [25] The project proponent shall ensure that ECBC norms for composite climate zone are met. In particular building envelope, HVAC service, water heating, pumping, lighting and electrical infrastructure must meet ECBC norms.
- [26] 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.
- [27] The project proponent shall construct a sedimentation basin in the lower level of the project site to trap pollutant and other wastes during rains.
- [28] The project proponent shall provide proper gate of proper width and proper strength for the project before the start of construction.
- [29] The project proponent shall ensure that the U-value of the glass is less than 3.0 W/m² and maximum solar heat gain coefficient is 0.25 for vertical fenestration.
- [30] The project proponent shall take equally control construction dusts like silicon dust, iron silica dust and wood dust. Such dusts shall not spread outside project premises. Project proponent shall provide respiratory protective equipment to all construction workers.
- [31] The project proponent shall provide fire control room and fire officer for building above 20 store as per National Building Code.
- [32] The project proponent shall obtain permits from Mines and Geology Department for excavation of site for any construction.
- [33] The site of construction shall have boundary area of 20 meter and one (1) 30 meter wide access road to adjoining plots. The project proponent shall not allow any material to be stored in the site and it should not be sold.

- [34] 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.
- [35] The site for solid waste management plant be earmarked on the layout plan and the detailed project for setting up the solid waste management plant shall be submitted to the Authority within one month.
- [36] 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.
- [37] The project proponent shall ensure that structural stability to withstand earthquake of magnitude 8.5 on Richter scale.
- [38] The Environmental Clearance to this project is subject to obtaining fresh clearance under the Wildlife (Protection) Act, 1972 from the Standing Committee of National Board for Wildlife and the project proponent shall start development work of the project only after the recommendation of Standing Committee of NBWL in this case.
- [39] The project proponent shall ensure that the plinth level of the building block to be minimum 1.5 meter above highest flood level as per study carried out.
- [40] The project proponent shall obtain NOC from Irrigation Department before the start of development work.
- [41] The project shall have the provision for infrastructure services (water supply, sewer, storm water lines etc) to accommodate the additional load arising from population residing in other lands falling within the project limits vicinity.
- [42] The project shall provide the storm water drainage system in the project area strictly in accordance with the storm water drainage plan submitted with the SEIAA, Haryana.
- [43] The project proponent shall not carry any construction activity in the ROW reserved/acquired for High Tension Wire passing through the project area and shall maintain horizontal and vertical ROW as required under Indian Electricity Rules 1956/DHB/NC and instructions of H. E. Dept.
- [44] The project proponent shall provide water supply of 1.35 lpd instead of 1.1 lpd. Water supply, sewer, SH and other services shall be provided accordingly.
- [45] The project proponent shall develop an all type home as per the plan marked with the concerned authority for all type home.
- [46] The project shall not be allowed to be constructed in the flood prone area unless it has been approved from Urban Development, HUDA/DCHP.

Operational Phase:

- (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.
- (b) The Sewage Treatment Plant (STP) shall be installed for the treatment of the sewage to the prescribed standards including colour and treated effluent will be recycled as well as zero exit discharge. The installation of STP shall be certified by an independent expert and a report to this regard shall be submitted to the SEIAA, Haryana before the project is commissioned for operation. Tertiary treatment of waste water is mandatory. The project proponent shall remove not only Ortho-Phosphorus but total Phosphorus to the extent of less than 2mg/liter. Similarly total Nitrogen level shall be less than 2mg/liter 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 depending upon the initial occupancy 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 decentralized treatment should be done ensuring that the re-circulated water should have BOD level less than 5 mg/litre and the recycled water will be used for flushing, gardening and DG set cooling etc.
- (d) For disinfection of the treated wastewater ultra-violet radiation or ozonation process should be used.
- (e) Diesel power generating sets proposed as source of back-up power for lifts, common area illumination and the 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 basement as permitted by the project proponent with appropriate stack height above the highest roof level of the project as per the CPCB norms. The diesel used for DG sets shall be ultra low sulphur diesel (35 ppm sulphur) instead of low sulphur diesel.
- (f) Ambient Noise level should be controlled to ensure that it does not exceed the prescribed standard level within the boundary of the Proposed Township Project.
- (g) The project proponent as stated in the proposal shall maintain at least 33% green cover area on the site throughout the site all around the periphery of the project and shall not remove any trees which are old species which are of high protection value. The area of the site which is under the proposed phases inside the project shall be

preferably landscaped and covered with vegetation (grass, herbs & shrubs). Only locally available plant species shall be used.

- (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, scheduling irrigation only after checking evapotranspiration data.
- (i) Rain water harvesting for roof run-off and surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment through sedimentation tanks must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 5 mts. above the highest ground water table. Care shall be taken that contaminated water do not enter any RWI 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 mesh and filters should be used wherever required.
- (j) The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.
- (k) A report on the energy conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency should be prepared incorporating details about building materials & technology, R & U factors etc and submitted to the SELA, Haryana in three months time.
- (l) Energy conservation measures like installation of LED only for lighting the areas outside the building and inside 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 energy conservation.
- (m) The Project Proponent shall use zero ozone depleting potential material in insulation, refrigerator, air conditioning and adhesive. Project Proponent shall also provide flood free fire suppression system.
- (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 at the site ear marked without any pollution and other effluents and waste should be disposed off to the approved sites for land filling after recovering recyclable material.
- (o) The design of the sewerage/effluent system shall be as per norms specified by Haryana and health department of the State.
- (p) All the plan and drawings submitted by the Project Proponent should be consistent with the local laws and codes and additional approvals for all the requirements shall be as and when submitted to the authority concerned.

resorted for conservation of power and water. Coil type cooling DCG sets shall be used for saving cooling water consumption for water cooled DCG Sets.

- [k] The project proponent shall ensure that the transformer is constructed with high quality grain oriented, low loss silicon steel and virgin electrolyte grade copper. The project proponent shall obtain manufacturer's certificate also for that.
- [ka] Water supply shall be metered among different users and different utilities.
- [kab] The project proponent shall ensure that exit 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.
- [kac] The project proponent shall provide water sprinkling system in the project area to suppress the dust in addition to the already suggested mitigation measures in the Air Environment Chapter of EIMP.
- [kad] The project proponent shall provide additional green area on terrace and roof top.
- [kae] The project proponent shall ensure proper Air Ventilation and light system in the basements 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.
- [kaf] The project proponent shall install solar panel or energy conservation.
- [kag] The project proponent shall ensure availability of fresh air in each part of the building block.

PART-B. GENERAL CONDITIONS

[1] The Project Proponent shall file the following documents in Form 1, Form 2, EIAEMP 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 of any point, the most environmentally friendly commitment on the point shall be taken as minimum requirement.

[ii] The Project Proponent shall submit a monthly report on the status of compliance of the safeguards recommended including results of monitoring and health and safety as well as to be submitted to the North Regional Office of Maharashtra and to the North Office of MCRB, DSPCB and SEIAA, Mumbai.

[iii] The Project Proponent shall submit a final report on the status of compliance of the safeguards recommended including results of monitoring and health and safety as well as to be submitted to the North Regional Office of Maharashtra and to the North Office of MCRB, DSPCB and SEIAA, Mumbai.

[iv] The Project Proponent shall submit a final report on the status of compliance of the safeguards recommended including results of monitoring and health and safety as well as to be submitted to the North Regional Office of Maharashtra and to the North Office of MCRB, DSPCB and SEIAA, Mumbai.

revoked if it is found that false information has been given for getting approval of this project. SEIAA reserves the right to revoke the contract if conditions stipulated are not implemented to the satisfaction of SEIAA Haryana.

- [vi] The Project proponent shall not violate any judicial order/commitments issued by any Court/Tribunal.
- [vii] All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972, Forest Act, 1927, P.F. PA 1500, etc. shall be obtained, as applicable by project proponents from the respective authorities prior to construction of the project.
- [viii] The Project proponent should inform the public that the project has been recorded. Environment Clearance by the SEIAA and copies of the clearance letter are available with the Haryana State Pollution Control Board & SEIAA. This should be advertised within 7 days from the date of issue of the clearance letter at least in two local newspapers 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's web site for public awareness.
- [ix] Under the provisions 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 started before obtaining prior Environmental Clearance.
- [x] Any appeal against the this Environmental Clearance shall lie with the National Green Tribunal if preferred within a period of 90 days as prescribed under Section 10 of the National Green Tribunal Act, 2010.
- [xi] Corporate Environment and Social Responsibility (CESR) shall be laid down by the project proponent (2% of the estimated project cost) as per guidelines of MoEF, Govt. of India Memorandum No. 12910/341/2008-IA III dated 18.05.2012 and Ministry of Corporate Affairs, Govt. Notification Dated 23.07.2014. 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 clear and prepare the list of the work for implementation of CESR before the start of construction.
- [xii] The schedule of work for environment-related activities should be kept in separate account and should not be altered for other purposes and year wise expenditure should not exceed 1% of RO (of the Govt. order) as prescribed for the project.
- [xiii] The project proponent shall ensure the compliance of Forest Department, Ministry of Environment, Govt. of India, No. 34003/000340 dated 21.11.1997.

- [xiii] The Project Proponent shall ensure that no vehicle during construction/operation phase enter the project premises without valid Pollution Under Control certificate from competent Authority.
- [xiv] The project proponent shall seek Fresh Environmental Clearance if at any stage there is change in the planning of the proposed project.
- [xv] 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 licensed/conses in whose name/terms the license/CLU has been granted by the Town & Country Planning Department, Udyana.
- [xvi] 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}, PM₁₀, SO₂, NO_x, Ozone, Lead, CO, Benzene, Ammonia, Benzopyrene, arsenic and Nickel (Ambient levels as well as stack emissions) or critical sectional 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.
- [xvii] The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the HSPCB Pachkula 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.
- [xviii] The project proponent shall conduct environment audit at every three months interval and thereafter corrective measures shall be taken without any delay. Details of environmental audit and corrective measures shall be submitted in the monitoring report.


 Member Secretary,
 State Level Environment Impact
 Assessment Authority, Haryana, Panchkula.

Encls. No. SEI/AY/11/20

Dated

A copy of the above is forwarded to the following:

1. The Additional Director, (A) Division, MoEF, GOI, Media Park, Varanasi Bhawan, Zonal Office, New Delhi.
2. The Regional Office, Ministry of Environment & Forests, Govt. of India, Sector, The Chhatra, Chandigarh.
3. The Chairman, Haryana State Pollution Control Board, Panchkula.


 Member Secretary,
 State Level Environment Impact
 Assessment Authority, Haryana, Panchkula.



HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA

Website - www.hspcb.gov.in E-Mail - hspcb.panchkula@gmail.com
Tele Fax No. - 0172-257870-73

No. HSPCB/TAC/2013/444
REGD.
To

Dated: 01.05.2013

M/s DLF Homes Panchkula Private Ltd,
CTP, Plot No. 2, Towered Ground Floor
Chandigarh-160101.

Sub. Consent to Establish from pollution Angle - M/s DLF Panchkula Private Ltd, Village- Bhagwanpur,
Sec-3, Pinjore, Dist- Panchkula

Please refer to your Consent to Establish application received in this office on the subject noted above.

Under the Authority of the Haryana State Pollution Control Board with its agenda item No. 478 dated 28.04.13 sanction to the issue of "Consent to Establish" with respect to pollution control of Water and Air, the NDC (Consent to Establish) is hereby accorded to the unit M/s DLF Panchkula Private Ltd for Residential Picket Colony at Village- Bhagwanpur, Sec-3, Pinjore, Dist- Panchkula for which unit has obtained Environmental Clearance for Village- Bhagwanpur with the following terms and conditions:

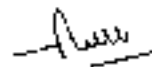
- 1 The Project has declared that the quantity of effluent shall be 342.59 KL/Day i.e. 342.59 KL/Day for Trade Effluent, Nil KL/Day for Cooling, 342.59 KL/Day for Domestic and the same should not exceed mentioned limits and same should be used in horticulture after treatment.
- 2 The above "Consent to Establish" is valid up to Two years of the date of commissioning which ever is earlier. The unit will have to set up the plant and obtain consent during this period.
- 3 The unit will maintain proper log book of Water metered meter magnetic flow meter before/after commissioning.
- 4 That there is no discharge directly or indirectly from this project or the process into any interstate river or Yamuna River or River Ghaggar or any other river or either through a direct flow or indirectly without any treatment.
- 5 The unit will use only non-ozone depleting substances as Air conditioning unit of the project.
- 6 That the project or the unit concerned is not sited within any prohibited distance according to the Environmental laws and Rules, Notifications, Orders and Provisions of Central Pollution Control Board and Haryana State Pollution Control Board.
- 7 That the unit will comply with all Hazardous Waste Rule of applicability relating to Handling, storage and disposal as required by Central Pollution Control Board, Haryana State Pollution Control Board & G.O.
- 8 The Project proponent should adopt water conservation measures to ensure reuse / recycling of water in their process. Ground Water based proposals of new projects should get clearance from Central Ground Water Authority for conservation of precious resources.
- 9 The unit will not obstruct natural drainage system and obtain permission from Irrigation Deptt. in this regard.
- 10 The DG sets used shall conform to EPA Rules & comply with anti-dust standards and should have stack height of minimum 4 meters above the roof top.
- 11 The Solid Waste Generator, shall be properly collected and aggregated scientifically disposed of as per MSW Rules by using vermiculture composting method etc.
- 12 Solar panels shall be provided for illumination of common areas, lighting for gardens and street lights in addition to solar water heating and also take all energy conservation measures.
- 13 The unit will maintain green belt in 25-30% of the land area by providing tree plantation as per MOEF/SPCB norms.
- 14 That the unit will use CFL (Compact Fluorescent Light) for internal building and campus lighting.
- 15 The unit shall provide structurally adequate rain water harvesting system in their project to avoid rain water wastage.
- 16 The Board reserves the right to add any additional condition if required in future under various Govt of India/State Laws.
- 17 The unit will obtain permission from Forest Deptt. in case any area falls under Forest Area, or section 45 of Land Prevention Act & also for cutting of trees, if any before commencing construction of project.
- 18 The project proponent will obtain all required statutory clearances before start of the project.
- 19 That the unit will submit an affidavit to comply with all the general as well as specific conditions of the "Consent to Establish" within 30 days of signing which NDC will be revoked.

Other Specific Conditions :-

- 1 The unit will provide Advance Sewage Treatment Plant as per the scheme submitted and comply with the standards laid down by the Govt and make efforts to achieve zero discharge.
- 2 Unit will install magnetic flow meter at inlet and outlet of the STP / ETP.
- 3 The unit will adopt structurally adequate air pollution control measures and ensure that all emissions are well within permissible limits.

M/s. DLF Punjabiya Private Ltd, Village- Bhangwani, Sec-3, Jind, Dist- Parohar

- 4 That the project shall use the treated effluent for landscaping/Green belt or otherwise and give
- 5 undertaking to recycle the treated effluent within 30 days
- 6 The unit will comply with all provisions of hazardous waste management, handling and
- 7 Transboundary Movement Rules 2008 and provide Non-hazardous storage facility for storage of
- 8 hazardous waste and also enter into an agreement with Common Hazardous Waste Treatment
- 9 Storage and Disposal Facility.
- 10 Unit will achieve zero discharge by reuse / recycle the treated water back into the process
- 11 R.O. will be compliant under section 19 read with section 15 of SP Act for past violation of this
- 12 notification immediately, if any, and will submit compliance within 15 days.
- 13 This Consent to Establish is valid for the unit mentioned in the Form I Dept. vide letter No. MU
- 14 Gaining No. 8483 issued by Town and Country Planning Deptt. vide Order No. 15604 dated
- 15 26.12.2011.
- 16 The project proponent will obtain clearance if required as per law / rules from Town and Country
- 17 Planning Department. However if the provisions of Punjab-schodding and controlled areas
- 18 restrictions of Unregulated Development Act, 1990 and the Haryana Development and regulation of
- 19 Urban Areas Act, 1975 are applicable on the site then owner shall be responsible for obtaining the
- 20 permission from Town and Country Planning Deptt. under the said acts through MCC shall
- 21 become liable.
- 22 Unit will comply with all the conditions of environmental clearance obtained from MoEF/SEWA vide
- 23 letter No. 007-1A,II dated 12.11.2006.


Member Secretary (TAC)
For Chairman

Date:

Encl. No. HSPCB/TAC/110/2013

- A copy of the above is forwarded to the following for information and necessary action-
- 1 Director General, Environment Department, Haryana, Sec-17, Chandigarh.
 - 2 The Chief Conservator of Forest (CC) Forest Department, Haryana.
 - 3 The Chief Town Planner, Haryana, Director General Town & Country Planning Deptt., Ayaz
 - 4 Bhawan, Sec- 13A, Madhya Marg, Chandigarh.
 - 5 The Regional Officer, Haryana State Pollution Control Board, Parohar
 - 6 The Executive Engineer, (OP) Division, UHGWH, Punjabiya.

Member Secretary (TAC)
For Chairman



Haryana State Pollution Control Board,
 C-11, Sector-8, Panchkula
 Website - www.hspcb.gov.in E-Mail - hspcb_pki@yivrajil.com
 Telo No. - 0172-2577970-75

XSPCB

No. HSPCB/TAC(MO) 2010/298

Dated: 07-10-2010

To: M/s DLF Homes Panchkula Pvt. Ltd.,
 Chandigarh Technology Park, Plot NO 1,
 Tower-1) Ground floor, Chandigarh-CT, 160101.

Subj.: Consent to Establish from pollution Angle - M/s DLF Homes Panchkula Pvt. Ltd., Vill. Islampur & Bhagwanpur Sec.-3, Pinjor-Kalka Complex, Tehsil Kalka, Distt. Panchkula.

Please refer to your Consent to Establish application received in this office on 23.02.2010 on the subject cited above.

Under the Authority of the Haryana State Pollution Control Board vide its approval Item No. 47.8 dated 28.04.1983 sanction to the issue of 'Consent to Establish' with respect to pollution control of Water and Air is hereby accorded for expansion in existing unit M/s DLF Homes Panchkula Pvt. Ltd., for construction of Residential Potted Colony having area 118.662 acres at Vill. Islampur & Bhagwanpur Sec.-3, Pinjor-Kalka Complex, Tehsil Kalka, Distt. Panchkula with the following terms and conditions:-

- 1 The Project proponent has declared that the quantity of effluent shall be 443 KLD Day i.e. 443 KLD/day for domestic effluent NIL for Cooling process and NIL for trade effluent and the same should not exceed mentioned herein and same should be recycled & used in horticulture after treatment.
- 2 The unit will install Sewerage Treatment Plant (STP) of adequate capacity & submit adequacy report from independent expert agency of the Board before the project is commissioned for operation.
- 3 The unit will maintain proper log book of Water meter/sub meter before/after commissioning.
- 4 The above 'Consent to Establish' is valid for two years from the date of its issue to be extended for a further one year at the discretion of the Board or till the time the unit starts its trial production whichever is earlier. The unit will have to set up the plant and obtain consent during this period.
- 5 That there is no discharge directly or indirectly from the project or the process into any interstate river or Yamuna River or River Ghaggar or any other river or either through a direct flow or indirectly without any treatment.
- 6 The unit will use only non-ozone depleting substances in Air conditioning unit of the project.
- 7 That the project shall use the treated effluent for horticulture/Green Bell and give undertaking to recycle the treated effluent within 30 days.
- 8 The unit will obtain permission from Forest Deptt. in case any area falls under Forest Area, or section 45 of Land Preservation Act & also for cutting of trees if any before commencing construction of project.
- 9 In case the project is located in Aravalli Areas of Gurgaon Distt, this 'Consent to Establish' would become invalid.
- 10 The unit will not obstruct natural drainage system and obtain permission from Irrigation Deptt. in this regard.
- 11 The DG sets used shall conform to EPA Rules & comply with air/noise standards and should have stack height of minimum 4 meters above the roof top.
- 12 The Solid Waste Generated shall be properly collected and segregated scientifically disposed of as per MSW Rules by using vermiculture composting method etc.
- 13 Solar panels shall be provided for illumination of common areas, lighting for gardens and street lights in addition to solar water heating and shall take all energy conservation measures.
- 14 R.O. will file complaint under section 19 read with section 15 of EP Act for past violation of EIA notification immediately, if any, and will submit compliance within 75 days.

M/s DEF Homes Panchkula Pvt. Ltd., VIII, Patanjpur & Bhagwanpur Sec-3,
Punjor-Kalka Complex, Tehsil Kalka, Distt. Panchkula.

- 15 The unit will install all required fire fighting systems of latest technology and ensure that fire fighting system is full proof and all facilities are in place within the premises and also obtain clearance from the concerned authorities in this regard before commissioning of the project.
- 16 Unit will comply with all the conditions imposed in the Environmental clearance obtained from MOEF/State Govt.
- 17 The unit will provide green belt/ tree plantation in 25:50 Gms total area and submit scheme for the same within 30 days.
- 18 That the unit will use CFL (Compact fluorescent lighting) for internal building and campus lighting.
- 19 The unit will also install magnetic flow meter at the inlet and outlet of the STP.
- 20 The unit shall provide structurally adequate rain water harvesting system in their project in order to ensure rain water harvesting.
- 21 The unit shall provide adequate parking arrangement after assessing the total number of vehicle coming to the project site in order to ensure proper parking provisions.
- 22 Unit will comply with provisions of Fly Ash Notification.
- 23 The Board reserves the right to add any additional condition if required in future under national/Govt. of India/State Laws.
- 24 The unit will provide Adequate Effluent Treatment Plant as per the schemes submitted and comply with the standards laid down by the Board and make efforts to achieve zero discharge.
- 25 The unit will install STP of Best Available Technology for installation of STP and shall recycle/reuse trade effluent for horticulture and furfural.
- 26 That the unit will submit an affidavit to comply with all the general as well as specific conditions of the 'Consent to Establish' within 30 days.



Nodal Officer (TAC)
For Chairman,

Dated:

Encl. No. HSI/CB/TAC/HQ/2610/

A copy of the above is forwarded to the following for information and necessary action:

- 1 Director, Environmental Department, Haryana, Sec-17, Chandigarh.
- 2 The Chief Conservator of Forests (FC) Forest Department, Haryana.
- 3 The Regional Officer, Panchkula.
- 4 The Executive Engineer, (OP) Division, UHBVN, Panchkula.


Nodal Officer (TAC)
For Chairman,



Eco Laboratories & Consultants Pvt. Ltd.

Environment Due-diligence, Monitoring and Analysis Services

ISO-14001:2004 OHSAS 18001:2007 CIN U74140PB2011PTC034733

A Government Approved/Accredited Test House



TEST REPORT

EL-15-16/	1029/0/05/16	Lab No.	EL040616EC009	Page-1/1
Customer:	Residential Plotted Colony of DLF Homes Panchkula Pvt. Ltd., Bhagwanpur Panchkula, Distt. Panchkula, Haryana			
Type of Sample:	Ambient Air			
Work Order No. & Date:	Telephonic Order			
Mode of Collection of Sample:	Sampling by Laboratory			
Sampling Location:	Near Pota Cabin			
Date of Sampling:	04.06.16			
Sampling Protocol:	IS: 5182 (P-14) 2000, CPCB Guidelines and Customer's Requirements.			
Date of Receipt of Sample:	04.06.16			
Date of Reporting:	10.06.16			
Testing Protocol:	National Ambient Air Quality Standards (NAAQS) 2009			
Remarks & Observation:	Sunny Day ;8hr/ 1hr Sampling			

S.No	Test Parameters	Units	Results	Limit	Test Method
1	Particulate Matter (PM _{2.5})	µg/m ³	37.14	60	Lab SOP EL-A1-PM2.5 Issued: Dated 16.15 based on Manufacturer's Manual and CPCB Guidelines
2	Particulate Matter (PM ₁₀)	µg/m ³	103.62	100	IS: 5182 (P-23) 2009
3	Sulphur Dioxide (SO ₂)	µg/m ³	7.16	80	IS: 5182 (P-2) 2001
4	Nitrogen Oxides (as NO ₂)	µg/m ³	15.32	80	IS: 5182 (P-6) 2006
5	Ammonia	µg/m ³	<1.5	400	APHA 1995 Ed. 1977 Method 801 (DU-10 µg/m ³)
6	Ozone	µg/m ³	<5	180	IS: 5182 (Part-5) -1979 R 2005 (DU-10 µg/m ³)
7	Carbon Monoxide (CO)	µg/m ³	<5	04	Lab SOP EL-A2-CO Issued: Dated: 15.14 Electrochemical Method- Manufacturer's Manual (DU-1.5 µg/m ³)

[Signature]
Lab Incharge

[Signature]
Lab Head

End of Report

PTO



Eco Laboratories & Consultants Pvt. Ltd.

Environment Due-diligence, Monitoring and Analysis Services

ISO-14001:2004 OHSAS-18001:2007 CIN U74140PB2011PTC034730

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TEST REPORT

EL-15-16/	10/06/16	Lab No.	EL040616EC010	Page-1/1
Customer:	Residential Plotted Colony of DLF Homes Panchkula Pvt. Ltd.			
Type of Sample:	Bhagwanpur Pinjora, Distt. Panchkula, Haryana			
Work Order No. & Date:	Noise Levels (Ambient)			
Mode of Collection of Sample:	Telephonic Order			
Sampling Location:	Sampling by Laboratory			
Date of Sampling:	Average Noise Level Near Site Office			
Sampling Protocol:	04.06.16			
Date of Receipt of Sample:	IS: 9989:1981 R-2002 and as per customers requirements			
Date of Reporting:	04.06.16			
Testing Protocol:	10.06.16			
Ambient Air Quality Standards for Noise				

S.No	Test	Location	Unit	Results	Test Method
	Ambient Day Time Noise Levels 1 Hour	Average Noise Level Near Site Office	dB(A)	54.6	IS: 9989:1981 R-2002

Note: The Noise-Ambient Air Quality Standards are given for reference.

W.D. Singh
Lab Incharge

Kalinder
Lab Head

Noise: Ambient Air Quality Standards

Area Code	Category of Area	Limit dB (A) Leq	
		Day Time (6AM-10PM)	Night Time (10PM-6AM)
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Zone	50	40

End of Report

PTO



Eco Laboratories & Consultants Pvt. Ltd.

Environment Due-diligence, Monitoring and Analysis Services

ISO 14001:2004 OHSAS 18001:2007 CIN U74140PB2011PTC034739

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TEST REPORT

EL-15-16/	10/10/06/PC	Lab No.	EL040616EC011	Page-1/1
Customer:	Residential Plotted Colony of DLF Homes Panchkula Pvt. Ltd.			
Type of Sample:	Bhagwanpur Pinjore, Distt. Panchkula, Haryana			
Work Order No. & Date:	Soil			
Mode of Collection of Sample:	Telephonic Order			
Labeling, Markings, Seal:	Sampling by Laboratory			
Quantity:	Poly Bag Marked '1'			
Date Of Sampling:	1kg			
Sampling Location:	04.06.16			
Date of Receipt of Sample:	Near A1 Block			
Date of Reporting:	04.06.16			
Remarks & Observation:	10.06.16			
S.No Test Parameters Units Results Test Method				

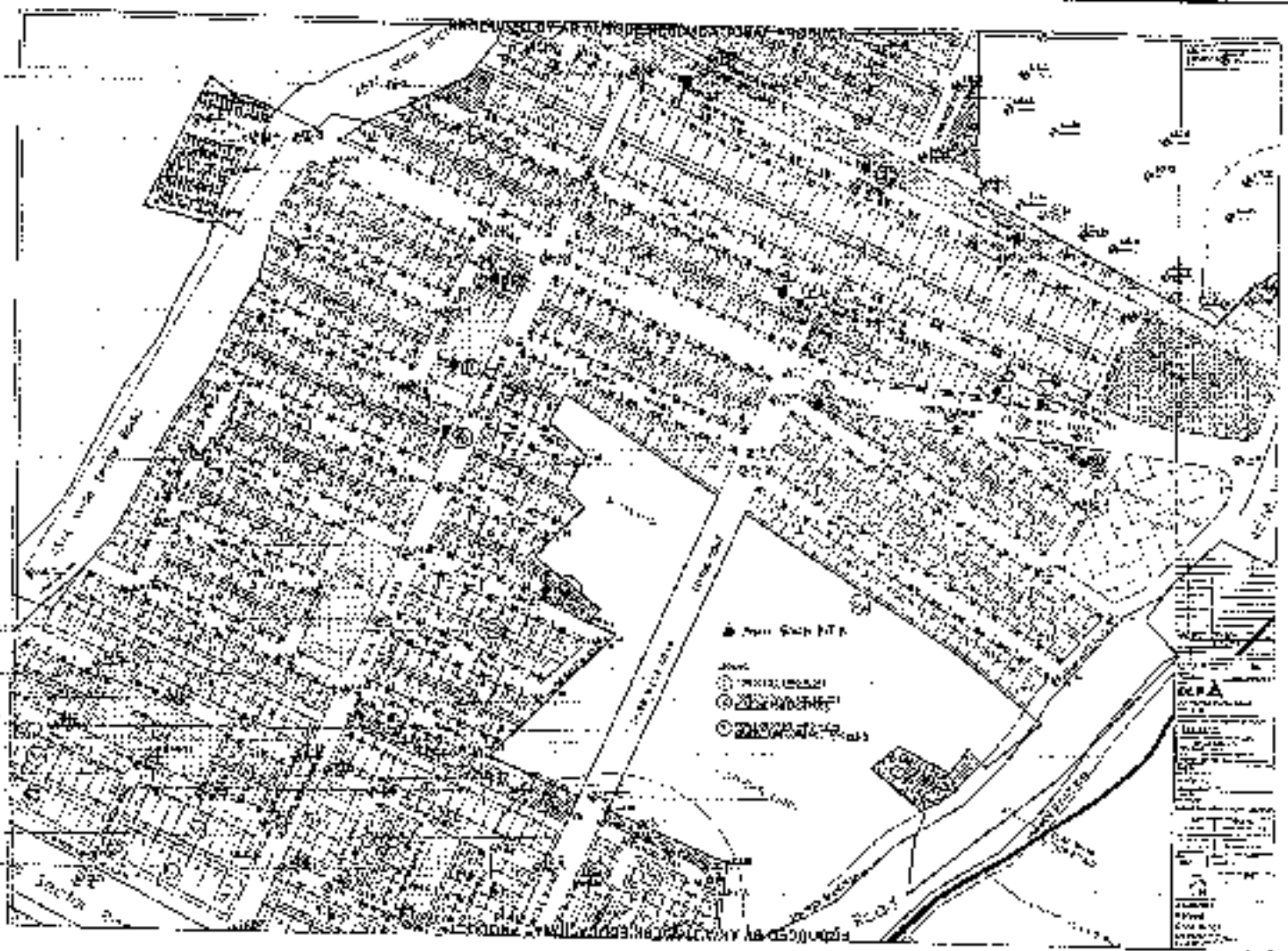
S.No	Test Parameters	Units	Results	Test Method
1.	pH (1:2.5)	-	8.22	IS:2720 (P-26) 1987
2.	Electrical Conductivity of Saturation Extract (1:2)	mmhos/cm	0.365	IS: 14767:2000
3.	Soil Moisture Content	%	8.4	IS:2720 (P-II) 1973 & 2002
4.	Soil Texture	-	Clay	IS: 2720 (Part-4) 1985
5.	Bulk Density	gr/cc	1.25	IS:2720 (Part-III): 1980
6.	Organic Matter	%	0.62	IS:2720 (Part-22) 1972 & 2010

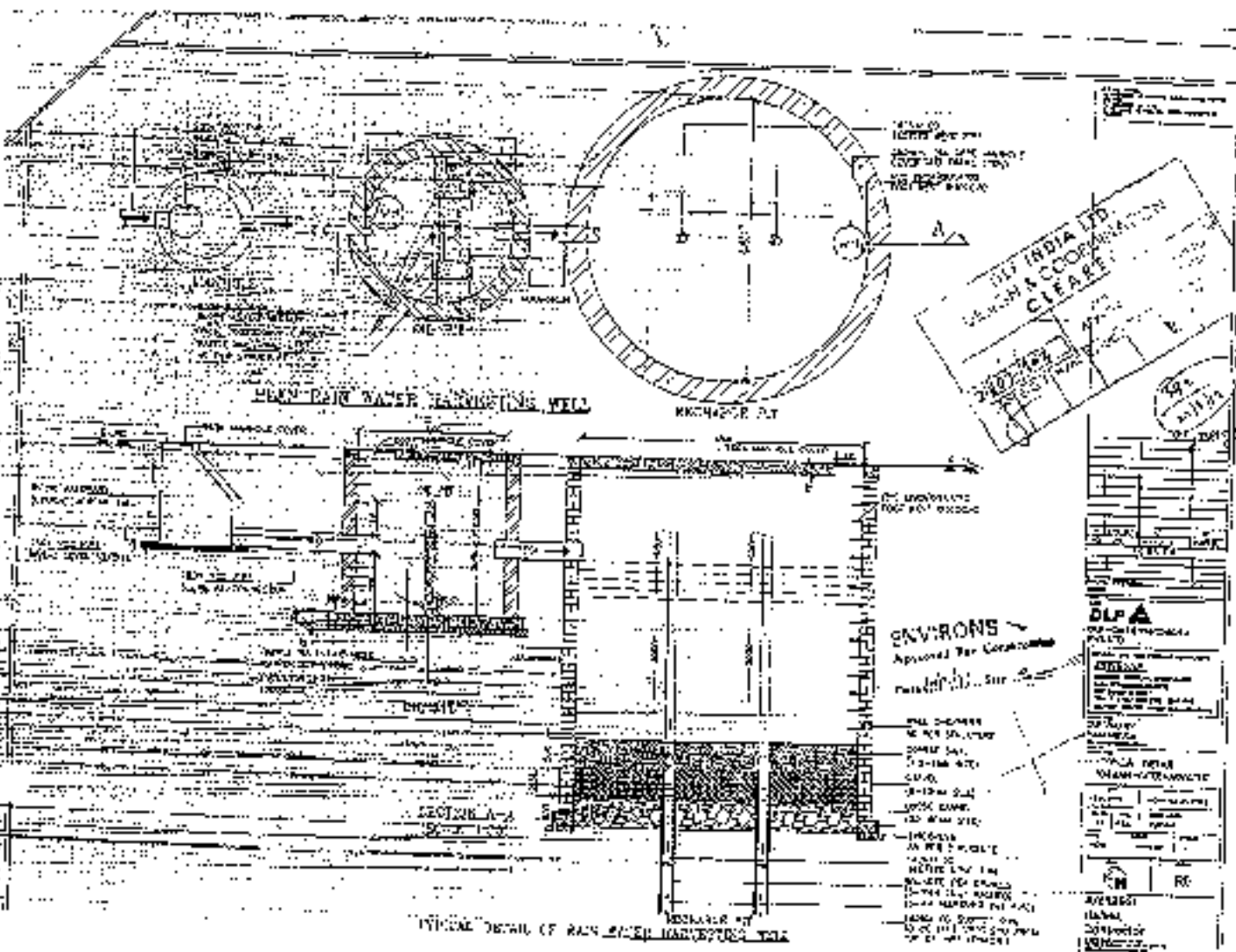
Incharge Lab Head

End of Report

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THE INDIA LTD.
PLANNING & COORDINATION
CLEAR

10/10/2011

DLP

APPROVED FOR CONSTRUCTION

DATE: 10/10/2011

PROJECT: [illegible]

SCALE: [illegible]

REVISIONS:

NO.	DESCRIPTION
1	[illegible]
2	[illegible]
3	[illegible]
4	[illegible]
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20/01/2008

GO. AIR HQS (7) : 4/VI/NO. 1024/V/07
12708 E (A)-11
Govt. of India
Ministry of Defence

GAZ

New Delhi, the 29th January, 2008

To
M/s DLF Homes Panchkula Pvt Ltd.
SCO 949, Sector - 70, Mohali,
Punjab - 160059.

Subject - Issue of NOC for construction of buildings for integrated township
Punjee, Panchkula by DLF Homes Panchkula Pvt Ltd.

Sir,
I am directed to refer to your letter dated 26th Sep. 07 on the above subject and to say that Air HQ has no objection from security angle for construction of buildings with maximum height of 60 meters for integrated township project at Mangwara near Punjora, Dist.-Panchkula subject to the following conditions:-

- (a) Height of the building shall not exceed 60 meters.
- (b) Standard obstruction lightings to be provided by the company. The lights shall be switched on during night and poor visibility.
- (c) A garbage treatment plant shall be installed prior to the construction of buildings for the purpose of avoiding bird activity. The plant may be shown to the AOC's nominated representative at Air Force Station Chandigarh on installation.
- (d) The commencement, completion of works and installation of obstruction lights shall be intimated to AOC, AF Station Chandigarh.

2. You are also requested to obtain No Objection from other concerned Government Organizations/Agencies as required

Yours faithfully

(S.K.)

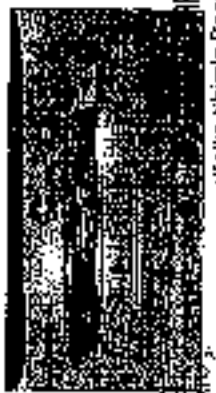
Under Secretary to the Govt. of India

प्रदूषण नियंत्रण प्रमाणपत्र

COLLECTION FROM ITCI CHECK CERTIFICATE
 AUTHORIZED BY TRANSITORE CONTROLLER
 Licence No. FKE-D-0045

PUCC No.
Vehicle No.
Make
Model
Category
Year

Sl. No.	Part Name	Part No.	Qty.	Rate	Amount
1.	Oil	0635	0.020	35.48	0.71
2.	Water	0637	0.020	34.74	0.70
3.	...	0638	0.020	33.68	0.67
4.	...	0639	0.020	34.74	0.70
5.	...	0640	0.020	33.48	0.67
6.	...	0641	0.020	34.74	0.70
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8.	...	0643	0.020	34.74	0.70
9.	...	0644	0.020	34.74	0.70
10.	...	0645	0.020	34.74	0.70



Valid Upto
Year
Valid Upto
Year

Kalka-Shimla Road,
 M-4-22, Panichkula (Haryana)
 Mobile: 9358451913

प्रदूषण नियंत्रण प्रमाणपत्र

POLLUTION CONTROL CHECK CERTIFICATE
AUTHORISED BY TRANSPORT COMMISSIONER
Licence No. PKT.D.0045

PLATE No. PH077005430 (कोटा रोड अंतर्गत)

कारवाला का. नि. कारवाला का. Co

Vehicle No. UP-12AG-2736 (कोटा रोड अंतर्गत)

कारवाला का. नि. कारवाला का. Co

Model T-10

Year 2014

Motor 4W

Category

Year 01/01/2014

Fuel PETROL

Date 02/05/2016

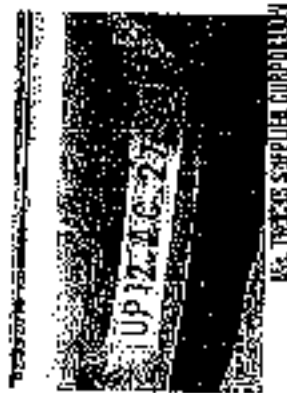
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Valid upto Nov 1, 2016

VALID FOR 6 MONTH

Valid in Delhi (3, 4, 5, 6, 7, 8, 9, 10, 11, 12)

1% 0.45 6000 450



MR. TRIVAS SINGH CORPORATION
Katha - Ghat Road
NH-22, Farukheda (Muzung)
Mobile - 8376451813



AUTHORIZED SIGNATURE ONLY
अधिकृत हस्ताक्षर का
वैध For 3 Months Only

प्रदूषण नियंत्रण प्रमाणपत्र

POLLUTION CONTROL CHECK CERTIFICATE
AUTHORISED BY TRANSPORT CONTROLLER
Licence No. PKL-D-0045

PUCC No.	Vehicle No.	Make	Model	Year	Fuel	Test	Pass	Remarks
PKL-D-0045	PKL-D-0045	MAHINDRA	MAHINDRA	2014	DIESEL	PKL-D-0045	PKL-D-0045	PKL-D-0045

MAHINDRA SUPPLIER CORPORATION
 50/11-22, Ferozshah Road,
 New Delhi, India
 Phone: 26104444

MAHINDRA SUPPLIER CORPORATION
 50/11-22, Ferozshah Road,
 New Delhi, India
 Phone: 26104444

Valid upto
 01/01/2014

VALID FOR 6 MONTH
 Valid in Delhi & NCT of Delhi

