

Ref- CUPB/REG/2024/1344  
Dated- 29 June 2024

**The Joint Director**  
**Ministry of Environment, Forest & Climate Change**  
**Northern, Regional Office, Bays No. 24-25**  
**Sector-31-A, Chandigarh**

**Sub: - Half Yearly Compliance Report of conditions of Environmental Clearance granted vide no. DECC/SEIAA/2020/1532 dated 19.03.2020 (Period 01.10.2023 to 31.03.2024) CHITKARA UNIVERSITY, Village Jhansla, Tehsil. Rajpura, Distt. Patiala, Punjab.**

Sir,

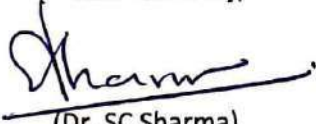
With due regards, It is submitted that Environmental Clearance was granted to the University vide no. DECC/SEIAA/2020/1532 dated 19.03.2020 which is valid upto 07 years i.e. 18.03.2027.

We hereby submit the half yearly Compliance Report of conditions of Environmental Clearance for the period **w.e.f. 01.10.2023 to 31.03.2024** for your kind information & further necessary action please.

The receipt of the same may kindly be acknowledged.

Thanking You,

**Yours Sincerely,**



(Dr. SC Sharma)  
Registrar  
Authorised Signatory  
For Chitkara University



**C.C. to the following for information & necessary action: -**

1. The Secretary to Govt. of India, Ministry of Environment and Forest, Indira Paryavaran Bhavan, Jorbagh Road, New Delhi - 110 003, India.
2. The Member Secretary, State Level Environment Impact Assessment Authority, Punjab, Ministry of Environment, Forest & Climate Change, Govt. of India O/o Directorate of Environment & Climate Change C/o PSCST, MGSIPA Complex, Sector-26, Chandigarh-160019.

**University Campus**  
Chandigarh - Patiala National Highway (NH-7)  
Punjab - 140 401, T +91.1762.507084  
Fax +91.172.507085

**Administrative Office**  
Saraswati Kendra, SCO 160 - 161  
Sector 9-C, Chandigarh - 160009  
T +91.172 4090900

[www.chitkara.edu.in](http://www.chitkara.edu.in)

# COMPLIANCE REPORT

OF  
CONDITIONS IMPOSED  
IN  
ENVIRONMENTAL CLEARANCE

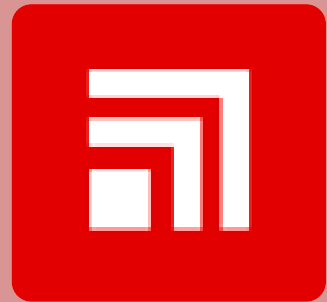
(Granted Vide no. DECC/SEIAA/2020/1532 dated  
19.03.2020)

**(w.e.f. 01.10.2023 to 31.03.2024)**



**CHITKARA  
UNIVERSITY**

Village Jhansla & Fatehpur Garhi,  
(Chandigarh-Patiala NH07), Tehsil-Rajpura,  
Distt. Patiala-140401, Punjab



Prepared By:

**Er. R.K. Gupta**

Senior Environmental Engineer (Retd.)

**CHARTERED ENGINEER**

Punjab Pollution Control Board

Mob. 99147-67267, 98789-50510

E-mail: - gupta1958rk@gmail.com



**R4 ENVIRO  
ENVIRONMENTAL CONSULTANTS**


#7, Sukh Enclave, New Officers Colony  
Patiala (Punjab) – 147001

Mob: - 98145-39397, 01755 202 707

E-mail: - info@r4enviro.com


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	31.03.2024.		
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**Ministry of Environment, Forest and Climate Change**  
**North Regional Office**  
**Chandigarh- 160030**  
**BRIEF ABOUT THE PROJECT & SALIENT FEATURES**  
**DATA SHEET**  
**(01.10.2023 to 31.03.2024)**

1.	<b>Project Type</b>	Educational Institute Building & Construction Project Area >20,000 sqm [(category 8(a))]
2.	<b>Name of the Project</b>	<b>CHITKARA UNIVERSITY</b> Village Jhansla & Fatehpur Garhi, NH07 (Chandigarh-Patiala NH), Tehsil-Rajpura, Distt. Patiala-140401, Punjab
3.	<b>Clearance letter (s)/OM no. and date</b>	DECC/SEIAA/2020/1532 dated 19/03/2020
4.	<b>Location:</b>	
	a) District	Patiala
	b) State	Punjab
	c) Location: Lat/Long	30 <sup>0</sup> 30'52" N / 76 <sup>0</sup> 39'48" E
5.	<b>Address for correspondence</b>	<b>CHITKARA UNIVERSITY</b> Village Jhansla & Fatehpur Garhi, NH07 (Chandigarh-Patiala NH), Tehsil-Rajpura, Distt. Patiala-140401, Punjab
6.	<b>Salient Features</b>	
	a) Of the Project	As per the Environmental Clearance, the total area of the project before expansion was 159928 sq.m and after expansion total area is 256805sq.m. The total built up area before expansion was 146367.64 sq.m and after expansion will becomes 263478.24 sq.m. Total cost of the project is Rs. 355 Crores.

  
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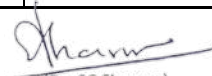


	<b>b) Of the EMP</b>	As per Environmental Clearance total waste water generation is 847 KLD which is to be treated in the two Sewage Treatment Plants with combine Capacity of 1250 KLD installed inside the University. Treated wastewater will also be used for construction purpose. Approximately 2100 kg/day solid waste will be generated and this will be managed as per the Solid waste management rules, 2016. The total load of electricity before expansion was 7281.94 KW and after expansion the total power requirement will be 14750 KW which will be fulfilled from Punjab State Power Corporation Ltd. and Solar Plants installed in premises. The Detailed Environmental Management Plan (EMP) already submitted by the Institute alongwith E.C. Application.
7.	<b>Break-up of Project area</b>	
	<b>a) Submergence forest area and non-forest area</b>	Not Applicable
	<b>b) Others</b>	Agricultural land for which Change of Land use (CLU) already obtained.
8.	<b>Break-up of the project affected population with enumeration of those losing houses/dwelling units only agricultural land only both dwelling units &amp; agricultural land &amp; landless labourers /artisans:</b>	
	<b>a) SC/ST/Adivasis</b>	Not Applicable
	<b>b) Others</b>	Not Applicable
9.	<b>Financial Details:</b>	
	<b>a) Project Cost as originally</b>	Existing: Rs. 23,424 Lakh




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<p><b>planned and subsequent revised estimates and the year of price reference</b></p>	<p>Proposed: Rs. 12,000 Lakh                  TOTAL: Rs. 35,424 Lakh</p>																																																	
<p><b>b) Allocation made for EMP with item wise and year wise break-up</b></p>	<table border="1"> <thead> <tr> <th colspan="3" data-bbox="703 495 1412 562" style="text-align: center;"><b>CAPITAL COST</b></th> </tr> <tr> <th data-bbox="703 562 794 678">S. No.</th> <th data-bbox="794 562 1198 678">Activity</th> <th data-bbox="1198 562 1412 678">Annual Cost (INR)</th> </tr> </thead> <tbody> <tr> <td data-bbox="703 678 794 786">1.</td> <td data-bbox="794 678 1198 786">Sewage collection, treatment &amp; disposal</td> <td data-bbox="1198 678 1412 786">40,00,000.00</td> </tr> <tr> <td data-bbox="703 786 794 860">2.</td> <td data-bbox="794 786 1198 860">MSW management</td> <td data-bbox="1198 786 1412 860">10,00,000.00</td> </tr> <tr> <td data-bbox="703 860 794 934">3.</td> <td data-bbox="794 860 1198 934">Environment monitoring</td> <td data-bbox="1198 860 1412 934">2,00,000.00</td> </tr> <tr> <td data-bbox="703 934 794 1041">4.</td> <td data-bbox="794 934 1198 1041">Consulting &amp; advisory services</td> <td data-bbox="1198 934 1412 1041">2,00,000.00</td> </tr> <tr> <td data-bbox="703 1041 794 1115">5.</td> <td data-bbox="794 1041 1198 1115">Miscellaneous maintenance</td> <td data-bbox="1198 1041 1412 1115">20,00,000.00</td> </tr> <tr> <td data-bbox="703 1115 794 1189">6.</td> <td data-bbox="794 1115 1198 1189">Sundry</td> <td data-bbox="1198 1115 1412 1189">5,00,000.00</td> </tr> <tr> <td data-bbox="703 1189 794 1263"></td> <td data-bbox="794 1189 1198 1263"><b>TOTAL</b></td> <td data-bbox="1198 1189 1412 1263"><b>79,00,000.00</b></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="3" data-bbox="703 1263 1412 1330" style="text-align: center;"><b>OPERATIONAL COST</b></th> </tr> <tr> <th data-bbox="703 1330 794 1447">S. No.</th> <th data-bbox="794 1330 1174 1447">Activity</th> <th data-bbox="1174 1330 1412 1447">Cost (INR)</th> </tr> </thead> <tbody> <tr> <td data-bbox="703 1447 794 1520">1.</td> <td data-bbox="794 1447 1174 1520">Statutory permissions</td> <td data-bbox="1174 1447 1412 1520">31,87,500.00</td> </tr> <tr> <td data-bbox="703 1520 794 1628">2.</td> <td data-bbox="794 1520 1174 1628">Sewage collection and treatment system</td> <td data-bbox="1174 1520 1412 1628">80,00,000.00</td> </tr> <tr> <td data-bbox="703 1628 794 1702">3.</td> <td data-bbox="794 1628 1174 1702">Storm water management</td> <td data-bbox="1174 1628 1412 1702">30,00,000.00</td> </tr> <tr> <td data-bbox="703 1702 794 1776">4.</td> <td data-bbox="794 1702 1174 1776">Electrical and fire safety</td> <td data-bbox="1174 1702 1412 1776">60,00,000.00</td> </tr> <tr> <td data-bbox="703 1776 794 1841">5.</td> <td data-bbox="794 1776 1174 1841">MSW collection</td> <td data-bbox="1174 1776 1412 1841">10,00,000.00</td> </tr> </tbody> </table>		<b>CAPITAL COST</b>			S. No.	Activity	Annual Cost (INR)	1.	Sewage collection, treatment & disposal	40,00,000.00	2.	MSW management	10,00,000.00	3.	Environment monitoring	2,00,000.00	4.	Consulting & advisory services	2,00,000.00	5.	Miscellaneous maintenance	20,00,000.00	6.	Sundry	5,00,000.00		<b>TOTAL</b>	<b>79,00,000.00</b>	<b>OPERATIONAL COST</b>			S. No.	Activity	Cost (INR)	1.	Statutory permissions	31,87,500.00	2.	Sewage collection and treatment system	80,00,000.00	3.	Storm water management	30,00,000.00	4.	Electrical and fire safety	60,00,000.00	5.	MSW collection	10,00,000.00
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		6.	Green belt development	15,00,000.00
		7.	General expenses during construction phase	10,00,000.00
		8.	Sundry	10,00,000.00
			<b>TOTAL</b>	<b>2,46,87,500.00</b>
	<b>c) BC ratio/IRR and the year of assessment</b>	As the project is educational cum Research institute Beneficial cost cannot be calculated.		
	<b>d) Whether includes the cost of EMP as shown above</b>	Yes		
	<b>e) Actual expenditure incurred on project so far</b>	The actual expenditure done on the project till 31 <sup>th</sup> March, 2024 is Rs.353.37 Crores.		
	<b>f) Actual expenditure incurred on EMP so far</b>	Actual expenditure done on the environmental Management plans till 31 <sup>th</sup> March, 2024 is Rs. 2,44,57,600/- which includes major expenditure for wastewater management & treatment, air & noise pollution control for D.G. sets, green belt development, storm water management & rain water harvesting, municipal solid waste management & fees incurred on statutory permissions etc. <u>Apart from this expenditure, the Institute has provided solar energy system of 200 KW on which expenditure of Rs. 83,50,000/- has been made.</u>		
10.	<b>Forest Land Requirement</b>			
	<b>a) The status of approval for diversion of forest land for non-forestry use</b>	Not Applicable		

  
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	<b>b) The status of clearing felling</b>	Not Applicable
	<b>c) The status of CA, if any</b>	Not Applicable
	<b>d) Comments on the viability &amp; sustainability of CA program in the light of actual field experience so far</b>	Not Applicable
11.	<b>The status of clear felling in the non-forest areas</b>	Not Applicable
12.	<b>Status of Construction (Actual &amp;/or Planned)</b>	
	<b>a) Date of commencement</b>	April, 2020
	<b>b) Date of completion</b>	March, 2025
13.	<b>Reason for delay if the project is yet to start</b>	Not Applicable


  
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**Half Yearly Compliance Report of the conditions of Environmental Clearance under EIA notification dated 14.09.2006 granted vide no. DECC/SEIAA/2020/1532 dated 19.03.2020 for Expansion of the Project named CHITKARA UNIVERSITY, Rajpura, Patiala (Pb.) located at H.B. No. 262 & 263 Village Jhansla & Fatehpur Garhi, Rajpura, Distt. Patiala (Pb.) promoted by M/S CHITKARA EDUCATIONAL TRUST, 1097, Sector 18-C, Chandigarh.**

**EC Conditions:**

<b>I. Statutory Compliance:</b>		
<b>Sr.No.</b>	<b>Condition</b>	<b>Action Taken / Compliance</b>
i)	The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	The Project Proponent is an existing Educational Institution and has already having statutory permissions / clearance. However, for expansion part all statutory permissions / clearances as applicable have been obtained. The construction is being done in accordance with the local building byelaws.
ii)	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.	Agreed, the necessary approval has already been obtained from the Competent Authority which is as per <b>Annexure – I.</b>
iii)	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Agreed and necessary clearance/permission has already been obtained from the Forest Department which is as per <b>Annexure – II.</b>


  
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iv)	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable as no wildlife Sanctuary falls near the educational institution.
v)	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board / Committee.	Agreed, the Project Proponent has already obtained CTE for expanded project valid upto 20.11.2021 and then further extended upto 19.11.2024 which are as per <b>Annexure – III (a) &amp; Annexure – III (b)</b> . The Project Proponent will obtain CTO's for expanded project under Water Act, 1974 & the Air Act, 1981 before commissioning the expanded project.
vi)	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	The institution has already obtained the NOC / Permission from the Punjab Water Regulation & Development Authority (PWRDA) for extraction of ground water, the copy of which is as per <b>Annexure – IV</b> .
vii)	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Agreed, necessary adequacy certificate has already been obtained from PSPCL authorities.
viii)	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	Not Applicable as the quantity of diesel storage is very less than the threshold value i.e. 2500 litres, hence no approval is required from the respective competent authority.
ix)	The provisions of the Solid Waste (Management) Rules, 2016, E-Waste (Management) Rules, 2016, Construction & Demolition Waste Rules, 2016 and	Agreed, the Project Proponent is already complying with the provisions


	the Plastic Waste (Management) Rules, 2016 shall be followed.	of these rules and shall comply with the expanded project also.
x)	The project proponent shall follow the ECBC/ ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	Agreed. Project Proponent is already complying with.
xi)	The project site shall confirm to the suitability as prescribed under the provisions laid down under the master plan of respective city/town. For that, the project proponent shall either to submit the NOC/ land use conformity certificate from Deptt. Of Town and Country Planning or other concerned Authority under whom jurisdiction, the site falls.	The project is existing for the last about 20 years and confirms to the prescribed / respective provisions. However, for the expanded project necessary NOC have already been obtained from the Competent Authority. The copy of the CLU is as per <b>Annexure – V</b> .
xii)	Besides above, the project proponent shall also comply with siting criteria / guidelines, standard operating practices, code of practice and guidelines if any prescribed by the SPCB/CPCB/MoEF&CC for such type of projects.	Agreed, already complying with being an existing project.
xiii)	The project proponent shall get the layout plans approved from the Competent Authority for the activities / establishments to be set up at project site in consonance of the project proposal for which this environment clearance is applied.	Layout Plans for existing & expansion project have already been approved by the Chief Town & Country Planning Department. The copy of the letter from the CTP is as per <b>Annexure – VI</b> .

II. Air Quality Monitoring and Preservation:		
Sr.No.	Condition	Action Taken / Compliance
i)	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring	Agreed. Adequate dust mitigation measures for construction & demolition activities are being taken.

  
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	Environmental Clearance shall be complied with.	
ii)	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Agreed. Adequate measures are being taken at construction site. It is ensured that no degradation in the ambient air quality is there.
iii)	The project proponent shall install system to carryout Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	Agreed, necessary steps have already been taken to carry out ambient air quality monitoring. The Copies of reports are as per <b>Annexure – VII.</b>
iv)	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Agreed, the existing D.G. sets are being utilized and also shall be utilized during construction phase. These are provided with canopies and adequate stack heights of 7.0 m.
v)	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust / wind breaking walls all the around the site (at least 3m height or 1/3 <sup>rd</sup> of the building height and maximum upto 10m). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	Agreed, complying with by providing barricading and temporary M.S. sheets wind breaking structure.
vi)	No Excavation of soil shall be carried out without adequate dust mitigation measures in place.	Agreed and is complying with the same.
vii)	No loose soil or sand or construction & demolition	Agreed and is complying with

  
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	waste or any other construction material that causes dust shall be left uncovered.	the same.
viii)	No uncovered vehicles carrying construction material and waste shall be permitted.	Agreed and is complying with the same.
ix)	All the topsoil excavated during construction activities should be stored for use in horticulture / landscape development within the project site.	Agreed and is complying with the same.
x)	Grinding and Cutting of building material in open area shall be prohibited. Wet jet shall be provided for grinding and stone cutting.	Agreed and is already complying with the same.
xi)	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Agreed and is already complying with the same.
xii)	All construction and demolition debris shall be stored at the site within earmarked area and road side storage of construction material and waste shall be prohibited. All demolition and construction waste shall be managed as per the provisions of Construction and Demolition Waste Rules 2016.	Agreed and is already complying with the same.
xiii)	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform the Environmental (Protection) prescribed for air and noise emission standards.	Agreed and is already complying with the same.
xiv)	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	DG sets have already been provided with canopies and adequate stack heights. The analysis reports of stack emissions of the D.G. sets are as per <b>Annexure – VIII</b> .
xv)	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed and shall be complied with.
xvi)	Roads leading to or at construction site must be paved and blacktopped (i.e. metallic road).	Agreed and is already complying with the same.
xvii)	Dust Mitigation measures shall be displayed prominently at the construction site for easy public	Agreed and is already



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	viewing.	complying with the same.
xviii)	Construction and Demolition Waste Processing and Disposal site shall be identified and required dust mitigation measure be notified at the site.	Agreed and is already complying with the same.

III. Water Quality Monitoring and Preservation:					
Sr.No.	Condition				Action Taken/ Compliance
i)	The natural drain system should be maintained for ensuring unrestricted flow of water.				Agreed. No natural drain system passes through the University complex.
ii)	No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage system (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.				Agreed. No natural drain system passes through the University complex.
iii)	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.				Agreed and shall be complied with.
iv)	The total water requirement for the project will be 1350 KL/day, out of which 540 KL/day shall be met through own tube well and remaining through recycling of treated waste water. Total fresh water use shall not exceed the proposed requirement as provided in the project details.				Agreed and is complying with.
v)	a) The total wastewater generation from the project will be 830 KL/day, which will be treated in STP of capacity @ 1200 KLD on MBBR technology within the project premises. As proposed, reuse of treated wastewater and discharge of surplus treated wastewater shall be as under: -				Agreed and is complying with.
	S.	Season	For Flushing	Green Area	Plantation in addition to the

  
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No.		purposes (KLD)	(KLD)	green area within the campus (KLD)	
1.	Summer	460	240	130	
2.	Winter	460	110	260	
3.	Rainy	460	70	300	
	<p>b) Storage tank of adequate capacity shall be provided for the storage of treated wastewater and all efforts shall be made to supply the same for construction purposes.</p> <p>c) During construction phase, the project proponent shall ensure that the waste water being generated from the labour quarters/toilets shall be treated and disposed in environment friendly manner. The project proponent shall also exercise the option of modular bio-toilets or will provide proper and adequately design septic tanks for the treatment of such waste water and treated effluents shall be utilized for green area/plantation.</p>				<p>Agreed. Storage tank of adequate capacity for treated water have already been provided.</p> <p>Agreed and is complying with.</p>
vi)	The project proponent shall ensure safe drinking water supply to the habitants. Adequate treatment facility for drinking water shall be provided, if required.				Agreed and it is always ensured.
vii)	The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC alongwith with six monthly Monitoring reports.				Agreed and shall be complied with.
viii)	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water				The Project Proponent is having its own water supply system.

  
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	sources, ensuring that there is no impact on other users.	
ix)	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Agreed and has already been taken care of and similarly for the expanded project.
x)	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Agreed. The Project Proponent has already installed dual plumbing system and shall be complied with for expanded project also.
xi)	The respective project proponent shall discourage the installation of R.O. plants in their projects in order to save the wastage in form of RO reject. However, in case the requirement of installing RO plant is utmost necessary then the rejected stream from the RO shall be separated and shall be utilized by storing the same within the particular component i.e. (Tower/Mall) or in a common place in the project premises.	Agreed and shall be complied with.
xii)	The project proponent shall also adopt the new/innovating technologies like less water discharging taps (faucet with aerators)/urinals with electronic sensor system/water less urinals/twin flush cisterns/sensor based alarming system for overhead water storage tanks and make it a part of the environmental management plans/ building plans so as to reduce the water consumption / ground water abstraction in their Building Construction & Industrial projects.	Agreed and shall be complied with.
xiii)	The project proponent will provide plumbing system for reuse of treated wastewater for flushing / HVAC/ other purposes etc. and colour coding of different pipe lines carrying / wastewater from different sources / treated wastewater as follows:	Agreed. Dual plumbing system has already been provided and shall be complied with for expanded project also.

  
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Sr. No.	Nature of the Stream	Color Code
a)	Fresh Water	Blue Color
b)	Untreated wastewater from Toilets/urinal & from Kitchen	Black Color
c)	Untreated wastewater from Bathing/shower area, hand washing (Washbasin/sinks) and from Cloth Washing.	Grey Color
d)	Reject water streams from RO plants & AC condensate (this is to be implemented wherever centralized AC system and common Ro has been proposed in the project). Further, in case of individual houses/establishment this proposal may also be implemented wherever possible.	White Color
e)	Treated wastewater (for reuse only for plantation purposes) from the STP treating black water.	Green
f)	Treated wastewater (for reuse for flushing purposes or any other activity except plantation) from the STP treating grey water.	Green with strips
g)	Storm Water	Orange Color
xiv)	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Agreed and is complying with.
xv)	The CGWA provisions on rain water harvesting should be followed. Rain water harvesting recharge pits (54 Nos.)/ storage tanks shall be provided for ground water recharging as per the CGWB norms.	Agreed, the University has already completed the construction of 03 nos. Rain Water Harvesting (RWH) Pits and the construction work of another 08 RWH Pits is under progress.
xvi)	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up	Agreed. Proper and adequate design of RWH pits has been done and is being followed.

  
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	area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.	
xvii)	All recharge should be limited to shallow aquifer.	Agreed.
xviii)	No ground water shall be used during construction phase of the project. Only treated sewage/wastewater shall be used. A proper record in this regard should be maintained and available at site.	Agreed. The treated sewage is being used for construction purpose and proper record is being maintained.
xix)	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Not applicable as dewatering of ground water during construction phase is not required.
xx)	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	Agreed. Shall be complied with and proper record will be maintained.
xxi)	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. No treated water shall be disposed in to municipal storm water drain.	The Project Proponent is already complying with being an existing project. However, adequate attention will be imparted in the expanded project also.
xxii)	No sewage or untreated effluent water would be discharged through storm water drains. Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the	The Project Proponent is already complying with being an existing project. However, adequate attention will be imparted in the expanded project also.

  
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	project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	
xxiii)	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	The Project Proponent is already complying with being an existing project. However, adequate attention will be imparted in the expanded project also. The analysis reports of untreated/treated water from STPs are as per <b>Annexure – IX.</b>
xxiv)	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	The Project Proponent is already complying with being an existing project. However, adequate attention will be imparted in the expanded project also.

  
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IV. Noise Monitoring and Prevention:		
Sr.No.	Condition	Action Taken/ Compliance
i)	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.	O.K. complying with.
ii)	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	O.K. complying with.
iii)	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	DG sets have already been provided with canopies. However, ear plugs will be provided to labour where ever it will be necessary. The analysis reports of noise levels monitoring of DG Sets are as per <b>Annexure – X</b> .

V. Energy Conservation Measures:		
Sr.No.	Condition	Action Taken/ Compliance
i)	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	Complying with as per norms. Being an existing project maximum LED lighting is used and also provided Solar Power Plant.

  
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ii)	Outdoor and common area lighting shall be LED.	Complying with as per norms. Being an existing project maximum LED lighting is used and also provided Solar Power Plant.
iii)	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased. Day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window and roof u-values shall be as per ECBC specifications.	Complying with as per norms. Being an existing project maximum LED lighting is used and also provided Solar Power Plant having total capacity 650 KW.
iv)	Energy conservation measures like installation of LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.	Complying with as per norms. Being an existing project maximum LED lighting is used and also provided Solar Power Plant.
v)	Solar, Wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/local building bye-laws requirement, which is higher.	Complying with as per norms. Being an existing project maximum LED lighting is used and also provided Solar Power Plant. At present more than 4% of existing power load is on Solar Energy Plant.
vi)	Solar power by utilizing at least 30% of the roof top area shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	Complying with as per norms. Being an existing project maximum LED lighting is used and also provided Solar Power Plant.

  
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VI. Waste Management:		
Sr.No.	Condition	Action Taken/ Compliance
i)	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.	Project Proponent has already taken permission from M.C. Rajpura for disposal of solid waste. Recyclable solid waste is sold to the recycler. The copy of letter from M.C. Rajpura is enclosed as per <b>Annexure – XI.</b>
ii)	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Agreed. However, no such situation arises during construction activity.
iii)	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	Already complying with being an existing project. However, for expansion project, due attention will be provided, so as no bad impact on environment is there.
iv)	Organic waste compost/ vermiculture pit/ Organic Waste Converter within the premises with a minimum capacity of 0.3 kg/person/day must be installed for treatment and disposal of the waste.	Already complying with being an existing project. However, for expansion project, due attention will be provided, so as, no bad impact on environment is there. The photographs is as per <b>Annexure – XII.</b>
v)	All non-biodegradable waste shall be handed over to authorized recyclers for which a written	Already complying with being an existing project. However,

  
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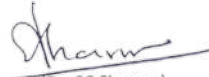
	tie up must be done with the authorized recyclers.	for expansion project, due attention will be provided, so as, no bad impact on environment is there.
vi)	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Already complying with being an existing project. However, for expansion project, due attention will be provided, so as, no bad impact on environment is there.
vii)	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum Blocks, Compressed earth blocks and other environment friendly materials.	Agreed and is being complied with as per norms.
viii)	Fly Ash should be used as building material in the construction as per the provision of Fly Ash notification of September, 1999 and amended as on 27 <sup>th</sup> August, 2003 and 25 <sup>th</sup> January, 2016. Ready mixed concrete must be used in building construction.	Agreed and is being complied with as per norms.
ix)	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	Agreed and is being complied with as per norms.
x)	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	Agreed and is already complying with being an existing project.

  
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<b>VII. Green Cover:</b>		
<b>Sr.No.</b>	<b>Condition</b>	<b>Action Taken/ Compliance</b>
i)	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	Agreed and is being complied with as per condition.
ii)	At least single line plantation all around the boundary of the project as proposed shall be provided. The open spaces inside the plot should be suitably landscaped and covered with vegetation of indigenous species/variety. A minimum of one tree for every 80 sqm of total project land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and /or invasive species should not be used for landscaping. The plantation should be provided as per SEIAA guidelines.	Agreed and shall be complied with as per condition.
iii)	Where the trees need to be cut with prior permission from the concerned local authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	Agreed and shall be complied with as per condition.
iv)	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Agreed and shall be complied with as per condition.

  
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v)	The project proponent shall not use any chemical fertilizer/pesticides/insecticides and shall use only Herbal pesticides/insecticides and organic manure in the green area.	Only organic manure prepared in-house is used in the plants. There is no use of chemical fertilizer in the plantation/green area.
vi)	The green belt along the periphery of the plot achieve attenuation factor conforming to the day and night standards prescribed for residential land use.	Agreed and noted for strict compliance.

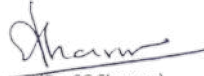
VIII. Transport:		
Sr.No.	Condition	Action Taken/ Compliance
i)	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b) Traffic calming measures. c) Proper design of entry and exit points. d) Parking norms as per local regulation.	Agreed. Adequate system has been provided so that there is no adverse effect on the environment & safety.
ii)	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	Agreed and strict compliance is being done.
iii)	A detailed traffic management and traffic decongestion shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and	Agreed. Adequate measures are being taken.

  
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	improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development Department and the P.W.D/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	
iv)	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public space should be utilized.	Due attention is being given.


<b>IX. Human Health Issues:</b>		
<b>Sr.No.</b>	<b>Condition</b>	<b>Action Taken/ Compliance</b>
i)	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Agreed. Proper & adequate measures are being taken.
ii)	For indoor air quality the ventilation provisions as per National Building Code of India.	Agreed. Already complying with being an existing project and shall be complied with for expanded project also.
iii)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HJRA) and Disaster Management Plan shall be implemented.	Being an education institution, no such situation arises. However, emergency measures have already been taken by the institute.

  
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iv)	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Agreed. Adequate measures have already been taken at construction site.
v)	Occupational health surveillance of the workers shall be done on a regular basis.	Agreed and is being complied with at construction site.
vi)	A First Aid Room shall be provided in the project both during construction and operations of the project.	Agreed and already complying with at construction site.

X. Corporate Environment Responsibility:				
Sr.No.	Condition			Action Taken/ Compliance
i)	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1 <sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility. The project proponent shall adhere to the commitments made in the proposal for CER activities for spending at least minimum amount of Rs. 80.01 Lacs towards following CER activities. The details are given below: -			Agreed, the CSER activities due on December, 2023 undertaken as per schedule fixed. The activities undertaken and the expenditure made thereof is as per <b>Annexure – XIII</b> . The rest of the proposed CSER activities will also be undertaken as per time schedule fixed.
<b>CSER COMMITMENT (CHITKARA UNIVERSITY, PUNJAB)</b>				
	<b>Proposed CSER activity</b>	<b>Amount</b>	<b>Likely date of</b>	
		<b>(INR)</b>	<b>Completion</b>	
<b>1.</b>	<b>Village Jhansala</b>			
i)	Installation of Solar Power Plant in Secondary School	120000	December, 2020	
ii)	Health Care Support	500000	December, 2020	

  
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iii)	Construction of Girls Toilets in Sr. Secondary School 2 Nos.	400000	December, 2020
iv)	Construction of Girls Toilets Elementary School 1 Nos.	200000	December, 2020
v)	Construction of Girls Toilets in Village Vocational Center 1 Nos.	250000	December, 2020
vi)	Renovation of Vocational Center	200000	December, 2020
vii)	Tree Plantation & Maintenance with tree Guard in Village 200 Nos.	230000	December, 2021
viii)	Furniture at Sr. Secondary School	150000	December, 2021
ix)	Paving tiles in Elementary School	450000	December, 2021
x)	Audio Visual equipments for smart class room in elementary school	125000	December, 2021
xi)	Development of Botanical Garden of Senior Secondary School	500000	December, 2021
<b>2.</b>	<b>Village Kalo Majra</b>		
i)	Construction of Girls Toilets Elementary School 1 Nos.	200000	December, 2022
ii)	Renovation of Cremation Sheds	400000	December, 2022
iii)	Tree Plantation & Maintenance with tree Guard in Village 115 Nos	132250	December, 2022
iv)	Audio Visual equipments for smart class room in Elementary School	125000	December, 2022
v)	Medical camp and health care support	300000	December, 2022
vi)	Installation of Solar Street Lighting 10 Nos.	120000	December, 2022
<b>3.</b>	<b>Village Ram Nagar</b>		

  
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i)	Construction of Girls Toilets Elementary School 1 Nos.	200000	December, 2023
ii)	Tree Plantation & Maintenance with tree Guards in Village 100 Nos.	115000	December, 2023
iii)	Audio Visual equipments for smart class room in Elementary School	125000	December, 2023
iv)	Medical camp and health care support	315000	December, 2023
v)	Paving tiles in Elementary School	450000	December, 2023
vi)	Installation of Solar Power Plant in Elementary School	120000	December, 2023
<b>4.</b>	<b>Village Thuha</b>		
i)	Construction of Boundary wall for Community Center	1050000	December, 2024
ii)	Supply and installation of Colour coded waste Bins 50 Nos.	100000	December, 2024
iii)	Medical camp and health care support	330000	December, 2024
iv)	Installation of Solar Power Plant in Community Centre	120000	December, 2024
<b>5.</b>	<b>Village Fatehpurgarhi</b>		
i)	Construction of Girls Toilets Elementary School 2 Nos.	400000	December, 2024
ii)	Audio Visual equipments for smart class room in Elementary School	125000	December, 2024
iii)	Tree Plantation & Maintenance with tree Guard in Village 25 Nos.	28750	December, 2024
iv)	Installation of Solar Power Plant in Elementary School	120000	December, 2024
	<b>Total amount</b>	<b>8001000</b>	

  
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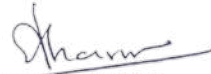
ii)	<p>The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms/ conditions and / or shareholders/ stake holders. The copy of the Board resolution in this regard shall be submitted to the MoEF &amp; CC as a part of six-monthly report.</p>	<p>The Project Proponent is already having environmental policy and committed to the protection of environment.</p>
iii)	<p>A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organisation.</p>	<p>Already complying with.</p>
iv)	<p>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. The project proponent shall spend minimum amount of Rs. 215 Lacs towards capital cost and Rs. 5.0 Lacs/annum towards recurring cost in Construction phase of the project including the environmental monitoring cost and shall spend minimum amount of Rs. 74.0 Lacs/annum towards recurring cost in operation phase of the project including the environmental monitoring cost. The entire cost of the environmental management plan will continue to be borne by the project proponent until the responsibility of environmental management plan is transferred to the occupier/residents society under proper MOU under intimation to SEIAA, Punjab. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.</p>	<p>Agreed. Proper Action Plan for implementing the EMP has been prepared and is being implemented as per conditions. The expenditure made as per EMP during the period under report is as per <b>Annexure – XIV.</b></p>

  
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<b>XI. Validity:</b>		
<b>Sr.No.</b>	<b>Condition</b>	<b>Action Taken/ Compliance</b>
i)	This environmental clearance will be valid for a period of seven years from the date of its issue or till the completion of the project, whichever is earlier.	Agreed and noted please.


<b>XII. Miscellaneous:</b>		
<b>Sr.No.</b>	<b>Condition</b>	<b>Action Taken/ Compliance</b>
i)	The project proponent before allowing any occupancy shall obtain completion and occupancy certificate from the Competent Authority and submit a copy of the same to the SEIAA, Punjab.	Agreed and shall be complied with as per conditions.
ii)	The project proponent shall comply with the conditions of CLU.	Agreed and is already complying with as per CLU conditions.
iii)	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Necessary steps have already been taken.
iv)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Already complied with.
v)	The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored	Agreed and shall be complied with.

  
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	data on their website and update the same on half-yearly basis.	
vi)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at Environment Clearance portal.	Agreed and shall be complied with.
vii)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted for Compliance. The Project Proponent is already submitting the Environmental Statement for every financial year to the Punjab Pollution Control Board.
viii)	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted for Compliance please.
ix)	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted for Compliance please.
x)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted for Compliance and is being implemented as per commitments and recommendations.
xi)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Noted for Compliance please.
xii)	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Agreed and Noted Please.

  
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xiii)	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agreed and Noted Please.
xiv)	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Agreed and Noted Please.
xv)	The Regional Office of this Ministry and Punjab Pollution Control Board shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information / monitoring reports.	Full cooperation shall be provided to the Public Authorities as and when required.
xvi)	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Agreed and the Project Proponent is bound to comply. The conditions imposed in the statutory permissions are being complied with.
xvii)	Any appeal against this EC 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 Noted Please

  
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## Annexure - I

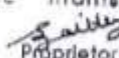



### CERTIFICATE

*It is certified that the below mentioned buildings for Chitkara University in its Campus at Village Jhansla and Fatehpurgarhi, Tehsil Rajpura Distt. Patiala (Pb.) has been Structurally designed as per provisions of the relevant codes of Bureau of Indian Standards and the Buildings are structurally safe for occupancy.*


S.No.	DESCRIPTION	Total Cov.Area of
1	ADMINISTRATION BLOCK (BABBAGE BLOCK)	3351.54
2	ARCHITECTURE CONIFGE (CORBUSIER BLOCK)	5151.63
3	MEDIA, COLLEGE OF EDUCATION FOR WOMEN (BLOOM BLOCK)	9500.42
4	ACADEMIC BLOCK (EDISON BLOCK)	4001.67
5	ACADEMIC BLOCK-I (NEWTON BLOCK)	3575.74
6	ACADEMIC BLOCK-III (GALILEO BLOCK)	5057.17
7	ACADEMIC BLOCK IV, (MCA BLOCK & INFORMATION CENTRE)	77196.08
8	PHARMACY (FLEMING BLOCK)	18605.87
9	WORKSHOP	1525.89
10	ROAD SIDE TOILETS	21.60
11	HOSPITALITY BLOCK (ESCOPIER BLOCK)	7330.48
12	INDOOR STADIUM	2254.03
13	FOOD COURT	2310.46
14	SECURITY POST 1 & 2	171.1
15	AUDITORIUM BLOCK	2413.41
16	STORE	125.36
17	BOYS HOSTEL - 1 (COLUMBUS BLOCK)	10084.59
18	BOYS HOSTEL - 2 (VASCO DA GAMA BLOCK)	9503.71
19	BOYS HOSTEL 3A + 3B	14364.31
20	GIRLS HOSTEL (NIGHTINGALE)	3355.97
21	POLYTECHNIC BLOCK	10458.33

**JAITLEY CONSULTANTS**  
 Name of Structural Engineer : Sunil Kumar Jaitley  
 Qualifications : M.Sc. Engg. (Structures)

For Jaitley Consultants  
  
 Proprietor

  
 (Dr. SC Sharma)  
 Registrar






*Jaitley*  
Consultants

**S.K. Jaitley**  
156, Sector 21, Panchkula  
Haryana 134112 INDIA  
+91 750-848-8888  
www.jaitleyconsultants.in  
www.jaitleyconsultants.com  
skjaitley@jaitleyconsultants.com

**CERTIFICATE**


*It is certified that the below mentioned buildings for Chitkara University in its Campus at Village Jhansia and Fatehpurgarhi, Tehsil Rajpura Distt. Patiala (Pb.) has been Structurally designed as per provisions of the relevant codes of Bureau of Indian Standards and the Buildings are structurally safe for occupancy.*

S.No.	DESCRIPTION	Total Cov.Area of
1	COOK HOUSE	284
2	EXPLORE HUB	608.47
3	ANIMAL HOUSE	302.86
4	ELECTRICAL SUBSTATION - 1	912.5
5	ELECTRICAL SUBSTATION - 2	384.64
6	BANK & INFORMATION CENTRE	164.75
7	SECURITY OFFICE	164.87
8	SHOPS	145.32
9	METER ROOM 1 & 2 +ATM+SECURITY POST	84.11
10	UCO BANK	91.61
11	Open Air Theatre	54
	<b>Total</b>	<b>3197.13</b>

For Jaitley Consultants  
  
Proprietor

JAITLEY CONSULTANTS  
Name of Structural Engineer : Sunil Kumar Jaitley  
Qualifications : M.Sc. Engg. (Structures)

STRUCTURAL DESIGNERS, TECHNICAL AUDITORS, PLANNERS

  
(Dr. SC Sharma)  
Registrar



**Annexure - II**

भारत सरकार  
 पर्यावरण एवं वन मंत्रालय  
 उत्तर क्षेत्रीय कार्यालय

संज्ञा संख्या 24-25  
 दिनांक 31 ए  
 संख्या 180030  
 दिनांक 24.03.2010

संज्ञा संख्या-9-FBB448/2004-ROC/1809  
 संज्ञा सं.

विभागाध्यक्ष एवं सचिव (वन),  
 पर्यावरण, वन एवं वन्यजीव संरक्षण विभाग,  
 उत्तम सचिवालय, संजतर-9  
 पटलासा।

**विषय:** Diversion of 0.0169 hec. of forest land for passage to Chitkara Institute of Engineering and Technology at village Jansala (Zirakpur-Patla Road) Km 22.23, under Forest Division & Distt. Patla, Punjab.

**संदर्भ:**


कृपया उपर्युक्त विषय में संबंधित आदेश एवं संख्या FCA/Patla/3849/347 दिनांक 14.09.2009 एवं नोटिस जारीकर, पर्यावरण संरक्षण के पत्र संख्या FCA/1980/3849/603 दिनांक 13.03.2010 को अवगत कराए, निर्धारित वन (उपवन) अधिनियम, 1980 की धारा- 2 के अर्धीन केन्द्रीय सरकार की अनुमति मांगी गई है।


राज्य सरकार के इच्छा का प्यानपूर्वक अध्ययन करने के पश्चात् उपर्युक्त उद्देश्य हेतु 0.0169 hec. वन भूमि के उपयोग के लिए सहाय प्रविधिकारी की स्वीकृति निम्नलिखित शर्तों पर प्रदान की जाती है:-


- वन भूमि की विभिन्न परिस्थिति बदली नहीं जाएगी।
- अवकाश के अनुसार कोई वृक्ष काटकर नहीं है अतः कोई वृक्ष काटा नहीं जाएगा।
- प्रतिभूति पौधारोपण प्रस्ताव के अनुसार Bar Maraspur-Ghoggar में प्रयोग एकांशों में प्रायः 18,384/- रुपये (समस्त वृक्ष हटाना तीन लाख) की राशि से 0.042 hec. में बोधे लगाए जायेंगे।
- प्रतिभूति पौधारोपण इस पत्र के जारी होने की तिथि से एक वर्ष के अन्दर हो जाना चाहिए।
- वैकल्पिक प्रतिभूति पौधारोपण प्रस्ताव के अनुसार Bar Maraspur-Ghoggar में प्रयोग एकांशों से प्रायः 41,481/- (समस्त इस्तेमालित हजार पांच सौ ईशत) की राशि से 0.169 hec. में बोधे लगाए जायेंगे।
- भारत सरकार पत्र संख्या S-3/2006-FC दिनांक 20.01.2006 के तहत दिये गये अनुदेशों के अनुसार NPV तथा वृक्षों सभी निधिमां प्रतिभूति पौधारोपण निधि प्रबंधन तथा वन्यजीव प्राधिकार के सदस्य निष्पक्ष के संस्था संख्या CA-1589, अवरदिश-10 ( भारत सरकार का उपवन ) संकाय-11 मुजब सी.जी.ओ.सम्मलेकस , केज-1 सोधी रोड, नई दिल्ली-110003 या संस्था संख्या 344901010070128 भारतीय भूमि वन, सुरतलगर, नई दिल्ली में जमा करवाई जाये।
- वन भूमि का उपयोग इच्छा में दर्शाये उद्देश्य के अलावा अन्य किसी उद्देश्य के लिये नहीं किया जायेगा।
- अतः कोई अन्य संबंधित अधिनियम/अनुसूची/निर्देश/प्रस्तावना आदेश/अनुदेश यदि इस प्रस्ताव पर लागू होते हैं तो उनके अर्धीन प्रकृत अनुमति देना राज्य सरकार की जिम्मेदारी होगी।

मन्त्रालय इस स्वीकृति को अग्रिम/पत्र कर सकता है यदि उपरोक्त शर्तों में से किसी भी शर्त का अवगमन अनर्थाकार नहीं है। राज्य सरकार वन विभाग के माध्यम से इन शर्तों का पालन सुनिश्चित करेगा।


भवदीय

  
 (श्रीकृष्ण सहस्रनाथ)  
 VC अवर प्रधान मुख्य वन संरक्षक (केन्द्रीय)

  
 (Dr. SC Sharma)  
 Registrar




- प्रतिस्तिथि: 1. प्रधान मुख्य वन संरक्षक, पंजाब सरकार, वन विभाग 17 डिविजन विल्डिंग सेक्टर 17, चण्डीगढ़ ।  
2. जग-सचिव, FO(HQ), पर्यावरण एवं वन मंत्रालय, पर्यावरण मंत्रालय, सी जी ओ कॉम्प्लेक्स लोधी रोड नई दिल्ली।  
3. Divisional Forest Officer Patiala, and Distt. Patiala, Punjab.  
4. Ms. Sni. Manjit Kumar Chitkara Institute of Engineering & Technology at vill. Jansala ( Zirakpur-  
Patiala Road) Km 22.23, Distt. Patiala, Punjab.  
5. गार्ड फाईल ।

  
(Dr. SC Sharma)  
Registrar



**Annexure - III (a)**


	<b>PUNJAB POLLUTION CONTROL BOARD</b> Zonal Office-I, Vatavaran Bhawan, Nabha Road, Patiala - 147001. Website:- www.ppcb.gov.in	
Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: 016PTA4451817		Application No : 13723389
To,	Dr Madhu Chitkara Village Jhansla, Tehsil Rajpura Rajpura, Patiala-140401	
Subject:	Grant of "Consent to Establish"(NOC) for Expansion of an existing industrial unit u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.	
With reference to your application for obtaining "Consent to Establish"(NOC) for Expansion of an existing industrial plant u/s 25 of Water (Prevention & Control of Pollution) Act, 1974 and u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, permitted to expand the existing industrial unit to discharge the effluent(s) & emission(s) arising out of your premises subject to the Terms and Conditions as specified in this Certificate.		
<b>1. Particulars of Consent to Establish (NOC) for Expansion granted to the Industry</b>		
Certificate No.	CTE/Exp/PTA/2021/13723389	
Date of issue :	28/01/2021	
Date of expiry :	20/11/2021	
Certificate Type :	Expansion	
Previous CTE/CTO No. & Validity :	CTOW/Renewal/PTA/2017/6545145 From:03/11/2017 To:31/03/2021	
<b>2. Particulars of the Industry</b>		
Name & Designation of the Applicant	Dr Madhu Chitkara, (General Secretary)	
Address of Industrial premises	Chitkara University, H.b. Nos. 262 & 263, Village Jhansla & Fatehpur Garhi, Nh07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala-140401, Punjab, Rajpura, Patiala-140401	
Existing Capital investment of the industry	23424.0 lakhs	
Capital investment for Expansion Project	12000 lakhs	
Category of Industry	Red	
Type of Industry	Building, Const. projects, Township & Area development ..... covered under EIA notification dated 14/9/06	
Scale of the Industry	Large	
Office District	Patiala	
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<small>Chitkara University, H. b. Nos. 262 &amp; 263, Village Jhansla &amp; Fatehpur Garhi, Nh07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala-140401, Punjab, Rajpura, Patiala, 140401</small>		
<small>Page 1</small>		

  
(Dr. SC Sharma)  
Registrar



<b>Consent Fee Details</b>	Rs. 1,44,000/- vide Receipt No. 914940554 dated 21/11/2020.
<b>Raw Materials (Name with quantity per day)</b>	Staff Regd. (Existing + Proposed)(1500+1500) @ 3000 Number/Year, Population Floating (Existing + Proposed)(9900+3900) @ 13800 Number/Year and Population Fixed (Existing + Proposed)(4100+1600) @ 5700 Number/Year.
<b>Products (Name with quantity per day)</b>	Educational Institution
<b>By-Products, if any,(Name with quantity per day)</b>	---
<b>Details of the machinery and processes</b>	As per application form no. 13723389
<b>Details of the Effluent Treatment Plant</b>	Sewage treatment plant (STP)-1, consists of Bar Screen, Collection Tank, Aeration Tank, Secondary Clarifier, Chlorine Contact Tank & Final Outlet And Sewage treatment plant (STP)-2, consists of Collection Tank, Receiving sump, Bar Screen, Oil & Grease Traps, Aeration Tank-1, Aeration Tank-2, Dosing Tank, Clarifier, Filtration unit & Final Outlet for the treatment of domestic effluent @ 830.0 KLD.
<b>Mode of Disposal of Effluent</b>	Domestic effluent @ 370 KLD : Onto land for plantation in the green area after treatment in STPs. Domestic effluent @ 460 KLD : For flushing purposes after treatment in STPs.
<b>Standards to be achieved under Water (Prevention &amp; Control of Pollution) Act, 1974</b>	As per effluent standards prescribed by the Board/ MoEF&CC and as amended from time to time.
<b>Sources of emissions and type of pollutants</b>	5 no. DG sets of capacity 500 KVA each : SPM/SO <sub>x</sub> /NO <sub>x</sub> . 2 no. DG set of capacity 600 KVA each : SPM/SO <sub>x</sub> /NO <sub>x</sub> .
<b>Mode of disposal of emissions with stack height</b>	5 no. DG sets of capacity 500 KVA each and 2 no. DG set of capacity 600 KVA each : Stack height H (in meter) shall be worked out according to the formula: $H = h + 0.2 (KVA)^{0.5}$ where h = height of the building in meters where the generator set is installed.
<b>Quantity of fuel required in TPD</b>	5 no. DG sets of capacity 500 KVA each : HSD @ 78 Ltr/day. 2 no. DG set of capacity 600 KVA each : HSD @ 50 Ltr/day.
<b>Type of Air Pollution Control Devices to be installed</b>	---
<b>Standars to be achieved under Air (Prevention &amp; Control of Pollution) Act, 1981</b>	As per stack emission standards prescribed by the Board/ MoEF&CC and as amended from time to time.

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 Page 2

  
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28/01/2021

**(Gursharan Dass Garg)**  
**Environmental Engineer**

*For & on behalf*

*of*

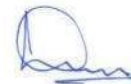
**(Punjab Pollution Control Board)**

**Endst. No.:**

**Dated:**

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

The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Patiala. He is requested to ensure the compliance of the conditions of NOC granted under the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981. He is also requested to send the compliance of the special conditions of the NOC, within stipulated period.



28/01/2021

**(Gursharan Dass Garg)**  
**Environmental Engineer**

*For & on behalf*


*of*

**(Punjab Pollution Control Board)**

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*Chitkara University, H.b. Nos. 262 & 263, Village Jhansla & Fatehpur Garhi, Nh07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala-140401,  
Punjab, Rajpura, Patiala, 140401*

*Page 3*

  
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**A. GENERAL CONDITIONS**

1. The industry shall apply for consent of the Board as required under the provision of Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981 & Authorization under Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016, two months before the commissioning of the industry.
2. The industry shall provide adequate arrangements for fighting the accidental leakages/ discharge of any air pollutant/gas/liquids from the vessels, mechanical equipments etc. which are likely to cause environmental pollution.
3. The Industry shall apply for further extension in the validity of the CTE atleast two months before the expiry of this CTE, if applicable.
4. The industry shall comply with any other conditions laid down or directions issued by the Board under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention & Control of Pollution) Act, 1981 from time to time.
5. The project has been approved by the Board from pollution angle and the industry shall obtain the approval of site from other concerned departments, if need be.
6. The industry shall get its building plans approved under the provisions of section 3-A of Punjab Factory Rules, 1952.
7. The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate.
8. The industry shall provide port-holes, platforms and/or other necessary facilities as may be required for collecting samples of emissions from any chimney, flue or duct or any other outlets.

**Specifications of the port-holes shall be as under:-**

- i) The sampling ports shall be provided atleast 8 times chimney diameter downstream and 2 times upstream from the flow disturbance. For a rectangular cross section the equivalent diameter (De) shall be calculated from the following equation to determine upstream, downstream distance:-  

$$De = 2 LW / (L+W)$$
 Where L= length in mts. W= Width in mts.
  - ii) The sampling port shall be 7 to 10 cm in diameter
9. The industry shall discharge all gases through a stack of minimum height as specified in the following standards laid down by the Board.

**(i) Stack height for boiler plants**

S.NO.	Boiler with Steam Generating Capacity	Stack heights
1.	Less than 2 ton/hr.	9 meters or 2.5 times the height of neighboring building which ever is more
2.	More than 2 ton/hr. to 5 ton/hr.	12 meters
3.	More than 5 ton/hr. to 10 ton/hr	15 meters
4.	More than 10 ton/hr. to 15 ton/hr	18 meters
5.	More than 15 ton/hr. to 20 ton/hr	21 meters
6.	More than 20 ton/hr. to 25 ton/hr.	24 meters
7.	More than 25 ton/hr. to 30 ton/hr.	27 meters
8.	More than 30 ton/hr.	30 meters or using the formula $H = 14 Qg^{0.3}$ or $H = 74 (Qp)^{0.24}$ Where Qg = Quantity of SO <sub>2</sub> in Kg/hr. Qp = Quantity of particulate matter in Ton/day.

**Note : Minimum Stack height in all cases shall be 9.0 mtr. or as calculated from relevant formula whichever is more.**


**(ii) For industrial furnaces and kilns, the criteria for selection of stack height would be based on fuel used for the corresponding steam generation.**

**(iii) Stack height for diesel generating sets:**

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 Punjab, Rajpura, Patiala, 140401*

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 (Dr. SC Sharma)  
 Registrar



Capacity of diesel generating set	Height of the Stack	
0-50 KVA	Height of the building	+ 1.5 mt
50-100 KVA	-do-	+ 2.0 mt.
100-150 KVA	-do-	+ 2.5 mt.
150-200 KVA	-do-	+ 3.0 mt.
200-250 KVA	-do-	+ 3.5 mt.
250-300 KVA	-do-	+ 3.5 mt.

**For higher KVA rating stack height H (in meter) shall be worked out according to the formula:**

$$H = h + 0.2 (KVA) 0.5$$

where h = height of the building in meters where the generator set is installed.


10. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.
11. The industry shall put up canopy on its DG sets and also provide stack of adequate height as per norms prescribed by the Board and shall ensure the compliance of instructions issued by the Board vide office order no. Admin./SA-2/F.No.783/2011/448 dated 8/6/2010.
  - (i) Once in Year for Small Scale Industries.
  - (ii) Four in a Year for Large/Medium Scale Industries.
  - (iii) The industry will submit monthly reading/ data of the separate energy meter installed for running of effluent treatment plant/re-circulation system to the concerned Regional Office of the Board by the 5th of the following month.
12. The industry shall provide flow meters at the source of water supply, at the outlet of effluent treatment plant and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th day of the following month.
13. The industry shall make necessary arrangements for the monitoring of stack emissions and shall get its emissions analyzed from lab approved / authorized by the Board:-
  - (i) Once in Year for Small Scale Industries.
  - (ii) Twice/thrice/four time in a Year for Large/Medium Scale Industries.
14. The pollution control devices shall be interlocked with the manufacturing process of the industry.
15. The Board reserves the right to revoke this "consent to establish" (NOC) at any time, in case the industry is found violating any of the conditions of this "consent to establish" and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.
16. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per acre along the boundary of the industrial premises.
17. The issuance of this consent does not convey any property right in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Central, State or Local Laws or Regulations.
18. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
19. Nothing in this NOC shall be deemed to neither preclude the institution of any legal action nor relieve the applicant from any responsibilities, liabilities or penalties to which the applicant is or may be subjected under this or any other Act.
20. The diversion or bye pass of any discharge from facilities utilized by the applicant to maintain compliance with the terms and conditions of this consent is prohibited except.
  - (i) Where unavoidable to prevent loss of life or some property damage or
  - (ii) Where excessive storm drainage or run off would damage facilities necessary for compliance with terms and conditions of this consent. The applicant shall immediately notify the consent issuing authority in writing of each such diversion or bye-pass.

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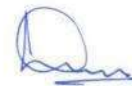
*Punjab, Rajpura, Patiala, 140401*

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(Dr. SC Sharma)  
Registrar



21. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
22. The industry shall comply with the conditions imposed if any by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
23. The industry shall earmark a land within their premises for disposal of boiler ash in an environmentally sound manner, and / or the industry shall make necessary arrangements for proper disposal of fuel ash in a scientific manner and shall maintain proper record for the same, if applicable.
24. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
25. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.
26. The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
27. The Industry shall comply with the code of practice as notified by the Government / Board for the type of Industries where the siting guidelines / code of practice have been notified.
28. Solids, sludge, filter backwash or other pollutant removed from or resulting from treatment or control of waste waters shall be disposed off in such a manner so as to prevent any pollutants from such materials from entering into natural water.
29. The industry shall submit a detailed plan showing therein, the distribution system for conveying waste-waters for application on land for irrigation along with the crop pattern to be adopted throughout the year.
30. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
31. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the NOC and shall not carry out any expansion without the prior permission/NOC of the Board.
32. All amendments/revisions made by the Board in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.
33. The industry shall not cause any nuisance/traffic hazard in vicinity of the area.
34. The industry shall maintain the following record to the satisfaction of the Board :-
  - (i) Log books for running of air pollution control devices or pumps/motors used for it.
  - (ii) Register showing the result of various tests conducted by the industry for monitoring of stack emissions and ambient air.
  - (iii) Register showing the stock of absorbents and other chemicals to be used for scrubbers.
35. The industry shall ensure that there will not be significant visible dust emissions beyond the property line.
36. The industry shall establish sufficient number of piezometer wells in consultation with the concerned Regional Office, of the Board to monitor the impact on the Ground Water Quantity due to the industrial operations, if applicable.
37. The industry shall provide adequate and appropriate air pollution control devices to contain emissions from handling, transportation and processing of raw material & product of the industry



28/01/2021

**(Gursharan Dass Garg)**  
**Environmental Engineer**

For & on behalf

of


**(Punjab Pollution Control Board)**

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*Chitkara University, H.b. Nos. 262 & 263, Village Jhansla & Fatehpur Garhi, NH07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala-140401.*

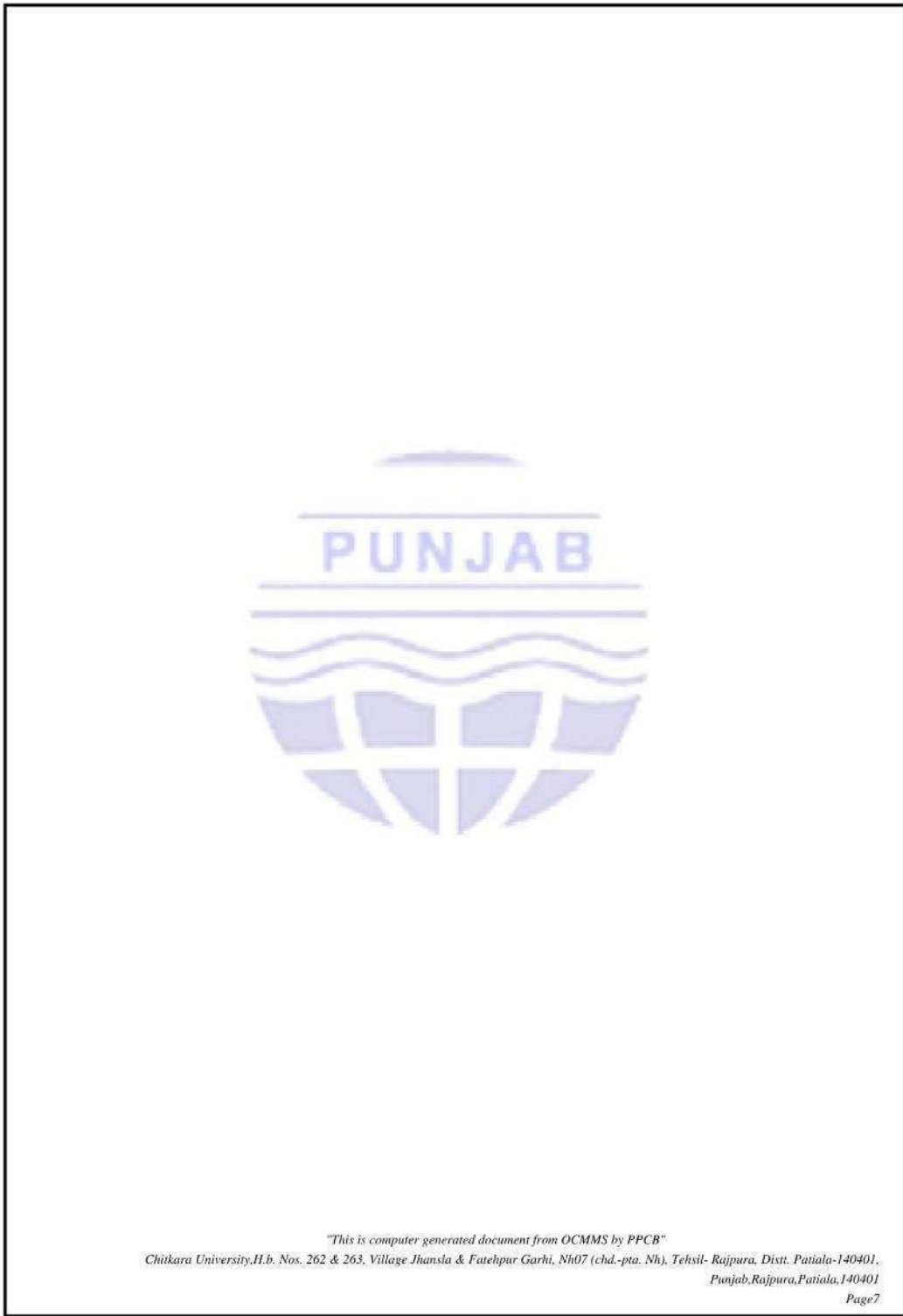
*Punjab, Rajpura, Patiala, 140401*

*Page 6*




(Dr. SC Sharma)  
Registrar





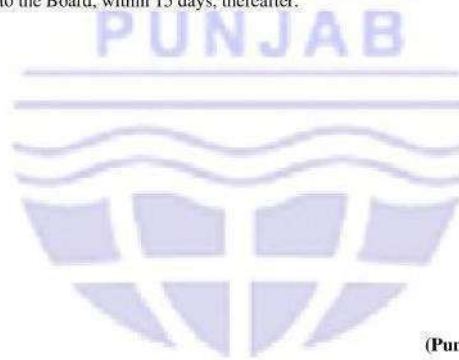
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Chitkara University, H.b. Nos. 262 & 263, Village Jhansla & Fatehpur Garhi, Nh07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala-140401.  
Punjab, Rajpura, Patiala, 140401  
Page 7

  
(Dr. SC Sharma)  
Registrar



**B. SPECIAL CONDITIONS**

1. The university shall comply with conditions imposed in the Environmental Clearance granted by SEIAA, Punjab vide letter no. DECC/SEIAA/2020/1532 dated 19.03.2020 in true letter & spirit.
2. The university shall use only treated sewage/waste water for construction activities and no fresh water for this purpose will be used.
3. The university shall comply with the guidelines issued by Punjab Water Regulation and Development Authority (PWRDA) for the abstraction of ground water from time to time.
4. The university shall maintain and operate its Sewage Treatment Plants (STPs), regularly and efficiently, so as to achieve the effluent standards, consistently as prescribed by the Board/MoEF&CC and as amended from time to time.
5. The university shall not discharge any kind of its wastewater (treated or untreated) into any drain/nallah/nadi/choe/river/inland surface water under any circumstances.
6. The university shall comply with the Solid Waste Management Rules, 2016.
7. The university shall comply with the E-Waste (Management) Rules 2016.
8. The university shall not use any fuel for burning purposes, except HSD in its 7 no. D.G. sets, without obtaining prior written permission from the Board.
9. The university shall comply with the provisions of Noise Pollution (Regulation & Control) Rules, 2000.
10. The university shall get its wastewater analysed from the Board's lab/Board's approved lab within one month and submit to the Board, within 15 days, thereafter.



28/01/2021

**(Gursharan Dass Garg)**  
**Environmental Engineer**

*For & on behalf*  
*of*

**(Punjab Pollution Control Board)**

*"This is computer generated document from OCMMS by PPCB"*

*Chitkara University, H.b. Nos. 262 & 263, Village Jhansla & Fatehpur Garhi, NH07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala-140401.  
Punjab, Rajpura, Patiala, 140401*

*Page 8*

(Dr. SC Sharma)  
Registrar



**Annexure - III (b)**

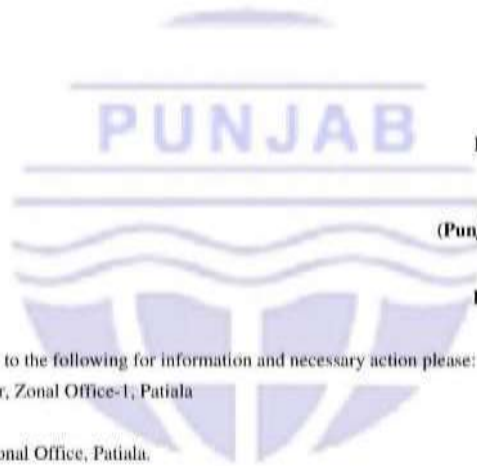
	<b>PUNJAB POLLUTION CONTROL BOARD</b> Invest Punjab, PBIP, Udyog Bhawan, Sector 17, Chandigarh. Website:- www.ppcb.gov.in	
Office Dispatch No :	Registered/Speed Post	Date:
Industry Registration ID: 016PTA4451817		Application No : 16927645
To,	Dr S C Sharma Chitkara University, Village Jhansla & Fatehpur Garhi, Chandigarh-patiala Highway, Tehsil-rajpura Rajpura,Patiala-140401	
Subject:	Extension in the validity of consent to establish granted to the industry under the Water Act, 1974 and Air Act, 1981.	
<b>1. Particulars of Consent to Establish (NOC) for Extension granted to the Industry</b>		
Certificate No.	CTE/Ext/PTA/2021/16927645	
Date of issue :	25/11/2021	
Date of expiry :	19/11/2024	
Certificate Type :	Extension	
Previous CTE/CTO No. & Validity :	CTE/Exp/PTA/2021/13723389 From:28/01/2021 To:20/11/2021	
<b>2. Particulars of the Industry</b>		
Name & Designation of the Applicant	Dr. S.c. Sharma, (Registrar)	
Address of Industrial premises	Chitkara University, H.b. Nos. 262 & 263, Village Jhansla & Fatehpur Garhi, Nh07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala- 140401, Punjab, Rajpura,Patiala-140401	
Category of Industry	Red	
Type of Industry	Building, Const. projects, Township & Area development ..... covered under EIA notification dated 14/9/06	
Scale of the Industry	Large	
Office District	Patiala	
<small>"This is computer generated document from OCMMS by PPCB" Chitkara University,H.b. Nos. 262 &amp; 263, Village Jhansla &amp; Fatehpur Garhi, Nh07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala-140401, Punjab,Rajpura,Patiala,140401 Page1</small>		

  
(Dr. SC Sharma)  
Registrar



In pursuance of the request made by the project proponent vide application dated 07/10/2021, received through online, the validity of Consent to Establish already granted to the project proponent vide no. CTE/Exp/PTA/2021/13723389 dated 28/01/2021, under the Water (Prevention & Control of Pollution) Act, 1974 & Air (Prevention & Control of Pollution) Act, 1981, is, hereby, further extended up to 19/11/2024, subject to the same conditions mentioned therein, and following additional conditions:

1. The project proponent shall be bound to obtain varied consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act, 1981, before operation of the expansion part of the University.
2. This letter shall be appended with the CTE issued to the project proponent vide no. CTE/Exp/PTA/2021/13723389 dated 28/01/2021 and its subsequent extension(s), if any.
3. The project proponent shall carry out construction/ installation of pollution control measures, in commensuration with construction of main project, at the site.



29/11/2021

**(Guneet Sethi)**  
**Environmental Engineer**

*For & on behalf*  
*of*

**(Punjab Pollution Control Board)**

**Endst. No.:**

**Dated:**

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

1. Senior Environmental Engineer, Zonal Office-1, Patiala
2. Environmental Engineer, Regional Office, Patiala.



29/11/2021

**(Guneet Sethi)**  
**Environmental Engineer**

*For & on behalf*  
*of*

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*Chitkara University, H.b. Nos. 262 & 263, Village Jhansla & Fatehpur Garhi, Nh07 (chd.-pta. Nh), Tehsil- Rajpura, Distt. Patiala-140401,  
Punjab, Rajpura, Patiala, 140401*

*Page 2*




**(Dr. SC Sharma)**  
Registrar





(Punjab Pollution Control Board)



  
(Dr. SC Sharma)  
Registrar



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Chitkara University, H.B. Nos. 262 & 263, Village Banista & Fatehpur Garhi, NH07 (Del.-Pun. N0), Tehsil- Rajpura, Distt. Patiala-140401,  
Punjab, Rajpura, Pincode-140401  
Page 3

**Annexure - IV**



**PUNJAB WATER REGULATION AND DEVELOPMENT AUTHORITY**  
 sco 149-152, Sector 17 c, Chandigarh – 160017  
**PERMISSION FOR EXTRACTION OF GROUNDWATER**  
 (Under The Punjab Groundwater Extraction And Conservation Directions, 2023)

Unit ID:	Permission Number:	Date of Grant of Permission	Valid up to
1260301154	PWRDA/1/09/2023/L3/122	28.09.2023	27.09.2026

1	Name of Unit:	Chitkara University	
2	Activity of Unit:	Institutional	
3	Address/Location of Unit:	Chitkara University, Village Jhansla & Fatehpur Garhi, Tehsil Rajpura, District Patiala, Punjab	
		District Patiala	PIN: 140401
4	Assessment Area (Block):	Rajpura	Status: Orange
5	District	Patiala	
6	Head Office Address:	Chitkara University, Village Jhansla & Fatehpur Garhi, Tehsil Rajpura, District Patiala, Punjab	
			PIN: 140401
	Email	sanjeev.bhardwaj@chitkara.edu.in	
	Phone/Mobile No.	9463438910	
7	Project Status:	Existing : 27-05-2002	
8	No. of Existing Tube-Wells	No. of Proposed Tube-Wells	Total Number of Tube-Wells Permitted
		03	01
9	Volume of Ground Water Permitted to be Extracted(m <sup>3</sup> /month)	Fresh	Brackish/Saline
		25410	-

Note: This permission is granted in terms of the Punjab Groundwater Extraction and Conservation Directions, 2023 notified on 27<sup>th</sup> January, 2023 under section 15 of the Punjab Water Resources (Management and Regulation) Act, 2020 and is subject to the conditions given overleaf.

Dated: 28.09.2023  
 Place: Chandigarh



*[Signature]*  
 28.09.2023  
 A.O.L-3  
 Senior Manager (Admin & Coord.)  
 Punjab Water Regulation and  
 Development Authority  
*[Signature]*  
 28/09/2023

*[Signature]*  
 (Dr. SC Sharma)  
 Registrar



**Annexure - V**

**DEPARTMENT OF TOWN AND COUNTRY PLANNING PUNJAB**

From

Chief Town Planner,  
 Punjab, At PUDA Bhawan,  
 Sector-62,  
 6<sup>th</sup> Floor, SAS Nagar.

To

✓ Dr. Madhu Chitkara,  
 General Secretary,  
 Chitkara Educational Trust,  
 Saraswati Kendra, SCO.No. 160-161,  
 Sector 9-C, Chandigarh.


Memo No | 278 CTP(Pb)/SP-432 P  
 Dt. Chandigarh, the 31-3-15

**Subject:** Permission for Change of land use for Educational purpose Chitkara University) of M/s Chitkara Educational Trust at Village Jhansla & Fatehpur Garhi, Tehsil Rajpura, Distt. Patiala (Area 23.706 and 13.919 acre= Total 37.625 acres).

**Ref:** Your application CET/Reg/2014/120, dated 25-11-2014

The permission for change of land use of 37.625 acres has been considered at government level falling in villages Jhansla & Fatehpur Garhi, Tehsil Rajpura, Distt. Patiala. The permission is hereby granted for change of land use measuring an area of 37.625 acres for educational purpose (Chitkara University) on the following terms and conditions. The detail of area as verified by Tehsildar Rajpura is as under:-


VILLAGE: JHANSALA		VILLAGE: FATEHPUR GARHI	
KHASRA NO.	Area for CLU (Kanal-Marla)	KHASRA NO.	Area for CLU (Kanal-Marla)
39/17	4-0	23/23	0-5
39/23	4-8	26/15	7-7
39/24	8-0	16/1-2	8-0
44/1	8-0	27/2	6-10
10/1	1-7	27/3	1-12
10/2/1	2-10	27/8	4-15
11/1	2-18	27/9	8-0
44/18/2	6-12	27/10	6-9
44/19/1	4-4	27/11	8-0
44/19/2	3-16	27/12	8-0
44/20	8-0	27/13/1	4-11
44/21	8-0	27/13/2	2-13
44/22	8-0	13/3	0-10
44/23	8-0	27/17	5-0
45/3	5-11	18/1/1	4-12
4	8-0	18/1/2	1-3
5	8-0	27/18/2	1-13
6	8-0	19	8-0
7	8-0	27/20	8-0
8	1-19	27/24	8-0
14	7-12	27/25	2-18
15	8-0	29/4/1	2-18
16	8-0	29/5/1	2-11
17	3-0	<b>Total</b>	<b>111K-7M (13.919 acres)</b>
25	5-2		
46/5	0-7		
47/1	6-10		
2/1	6-04		
2/2	1-16		
47/3	8-0		
8/1	5-16		
9	7-16		
10	1-6		
47/12	2-19		
<b>Total</b>	<b>189-13 (23.706 acres)</b>		

  
 (Dr. SC Sharma)  
 Registrar



- i) The C.L.U. shall be in the hands of M/s Chitkara Educational Trust.
- ii) Applicant shall get already built structures compounded, as per policy of Govt./ GMADA and shall be liable to make necessary amendments in the already existing structures on the site as per norms and shall be liable to get prior approval of competent authority for erecting/re-erecting any building in the site.
- iii) Applicant shall not bifurcate the site and shall develop the site as a single unit.
- iv) The issue of ownership of land is independent and exclusive of permission of Change of Land Use. Therefore, this permission of CLU does not in any manner grant or effect ownership right of this land, which have to be determined by Competent Authority. The applicant in whose hands this Change of Land Use lies shall be bound by the decision of such Competent Authority.
- v) **The permission for change of land use shall be valid for two years from the date of grant of permission. If such permission shall not avail within the stipulated period, it shall deem to be cancelled without any further notice.**
- vi) Applicant shall be responsible for litigation, if any regarding land with the co-owner(s) in any court of law.
- vii) Applicant shall not undertake any development work until building plans are approved by the Competent Authority.
- viii) Thorough revenue rastas, if any, passing through the site shall be kept unobstructed.
- ix) Applicant shall obtain NOC from PPCB, if required under the Water (Prevention and Control of Pollution) Act, 1974, Municipal Solid Waste Management and Handling Rules, 2008 or any other relevant Act before undertaking any development at the site.
- x) Applicant shall not make any construction under HT lines passing through the site or shall get these lines shifted by applying to the concerned authority.
- xi) This permission will not provide any immunity from any other Act/Rules/Regulations applicable to the land in question.
- xii) Applicant shall obtain NOC from the Forest Department.
- xiii) Applicant shall make provision of rain water harvesting within the project area at its own cost.
- xiv) Applicant shall make its own suitable provision for drinking water supply and disposal of sewage & solid waste management and shall not obstruct the flow of storm water/ rain water of the surrounding areas.
- xv) Applicant shall obtain any other permission required under any other Act at his own level.
- xvi) Applicant shall abide by all the proposals of Master Plan, Rajpura.
- xvii) As per notification issued vide Memo No. PUDA/CA/2013/1713-16, dated 27.02.2013, the promoter shall not use underground water for construction of development works in the notified area. He should also incorporate such condition in the allotment letter of plots/ apartments directing the allottees not to use the underground water for construction purpose. They shall use surface water sources or treated sewage from nearby Sewage Treatment Plant.
- xviii) This C.L.U. approval is subject to the provisions of N.O.C letter No. 7476 dated 02.02.2015 issued by Highway Administrator-cum-Executive Engineer (C.W.D.) SAS Nagar.
- xix) Applicant shall obtain permission from Competent Authority for deriving access from N.H.64 and from Competent Authority for deriving access from Scheduled Road under section 143 of the Punjab Regional and Town Planning & Development Act, 1995.

  
Chief Town Planner,  
Punjab.

  
(Dr. SC Sharma)  
Registrar



Endst.No. CTP(Pb)/ Dt. Chandigarh, the

Copy is forwarded to the Chief Administrator, GMADA, SAS Nagar along with D.D. No. 405393 dated 30.03.2015 amounting to Rs. 1,31,68,750 Kotak Mahindra Bank, Sector 9, Chandigarh on account of External Development charges and D.D. No. 405394, dated 30.03.2015 amounting to Rs. 18,81,250/- on account of license fee. These charges should be checked at its own level. Difference, if any found should be recovered from the applicant.

DA/ As above.

*Sd/-*  
Chief Town Planner,  
Punjab.

Endst.No. CTP(Pb)/ Dated, Chandigarh, the

Copy is forwarded to Chief Administrator, PUDA, Mohali along with D.D. No. 317924 dated 25.03.2015 amounting to Rs. 7,52,000/- of Uco Bank Chandigarh as 5% of total SIF on E.D.C.+ license fee for information and necessary action. If there is any difference, it shall be recovered at your own level.

DA/ As above.

*Sd/-*  
Chief Town Planner,  
Punjab.

Endst.No. CTP(Pb)/ dt. Chandigarh, the

Copy is forwarded to the following for information and necessary action:

- 1) Chairman Punjab Pollution Control Board, Patiala.
- 2) Chief Conservator of Forests, Punjab, Chandigarh.
- 3) Senior Town Planner, Patiala.
- 4) District Town Planner, Patiala.

*Sd/-*  
Chief Town Planner,  
Punjab.

*Sharma*  
(Dr. SC Sharma)  
Registrar



**DIRECTORATE OF TOWN & COUNTRY PLANNING, PUNJAB**  
Puda Bhawan, 6<sup>th</sup> floor, Block-'A', Sector 62, SAS NAGAR

To  
✓ M/s. Chitkara Education Trust,  
Administrative Office,  
Saraswati Kendra, SCO No.160-161,  
Sector-9C, Chandigarh-160009.

Memo No. 646 -CTP(Pb)/SP-432-P  
Dated: 10-02-2020


Subject:- Change of land use for Educational Purpose (University Extension) for  
M/s Chitkara Educational Trust at Village Jhansla & Fatehpur Garhi,  
Tehsil Rajpura, Distt. Patiala (1.89375 Acre)

Ref: Your letter dated 30.01.2020

2. Your request for change of land use of additional area of 1.89375 Acre for Educational Purpose (University Extension) for M/s Chitkara Educational Trust at Village Jhansla & Fatehpur Garhi, Tehsil Rajpura, Distt. Patiala in continuation to the earlier approved 61.5638 Acre of land, has been considered at this office level and the permission for change of land use is hereby granted on the following terms and conditions. The detail of land as verified by Tehsildar Rajpura is given below:-

Khasra No.(K-M)	Area for CLU Permission (In acre)
44//24 (8-0), 26/2 (0-9), 47//4 (6-14) Total 15 K-3M (Area 1.89375 Acre)	Permission granted for CLU 1.89375 Acre.


- i) The change of land use shall be in the hands of M/s Chitkara Educational Trust.
- ii) Applicant shall deposit CLU/EDC/License/Permission Fee and all other charges levied or to be levied by Housing and Urban Development Department from time to time.
- iii) Applicant shall get the Building Plans approved from the Competent Authority before starting construction at the site.
- iv) The issue of ownership of land is independent and exclusive of permission of Change of Land Use. Therefore, this permission of CLU does not in any manner grant or effect ownership right of this land, which have to be determined by Competent Authority. The applicant in whose hands this Change of Land Use lies shall be bound by the decision of such Competent Authority.
- v) Applicant shall be responsible for litigation, if any regarding land in any court of law.
- vi) Applicant shall obtain NOC from PPCB, if required under the Water (Prevention and Control of Pollution) Act, 1974, Municipal Solid Waste Management and Handling Rules, 2008 or any other relevant Act before undertaking any development at the site.
- vii) This permission will not provide any immunity from any other Act/Rules/Regulations applicable to the land in question.
- viii) Applicant shall make provision of rain water harvesting and solar water heating within the project area at its own cost.
- ix) Applicant shall make its own suitable provision for drinking water supply and disposal of sewage & solid waste management and shall not obstruct the flow of storm water/ rain water of the surrounding areas.
- x) Applicant shall obtain any other permission required under any other Act at his own level.
- xi) Thorough revenue rastas/khals and pucca roads if any, passing through the site shall be kept unobstructed.
- xii) Applicant shall not make any construction under any H.T./L.T. electric lines passing through the site.
- xiii) Applicant shall abide by all the provisions of the Master Plan Rajpura.

  
(Dr. SC Sharma)  
Registrar



- xiv) Applicant shall abide by all the conditions levied by the forest department in their letter No.9-PBB448/2009-ROC/1869, dated 24.05.2010.
- xv) Applicant shall abide by all the conditions levied in the letter No.EO(R)/ GMADA/S-3/2010/1090 dated 04.05.2018 regarding scheduled road access.
- xvi) Applicant shall leave 16'-3" wide strip of land from his own site to widen 27'-6" wide existing road to 60'-0" as per undertaking submitted in this office
- xvii) As per notification issued vide Memo No. PUDA/CA/2013/1713-16, dated 27.02.2013, the promoter shall not use underground water for construction of development works in the notified area.

CLU Charges for institutions are exempted as per notification No.17/17/2001-5Hg2/PF/748168/17 dt. 06.05.2016.

  
Senior Town Planner(HQ),  
o/o Chief Town Planner,  
Punjab, Chandigarh.


Endst.No.

CTP(Pb)

Dated:

A copy is forwarded to Chief Administrator, GMADA, S.A.S.Nagar along with D.D.No.097586 dated 30.01.2020 amounting to Rs. 4,98,000/- and D.D.No. 097587 dated 30.01.2020 amounting to Rs.72,000/-of Kotak Mohindra Bank towards EDC charges and License fee are attached respectively for information and necessary action. Difference if any, shall be recovered from the applicant at your own level.

DA/As above.

  
Senior Town Planner(HQ),  
o/o Chief Town Planner,  
Punjab, Chandigarh.


Endst.No.

CTP(Pb)

Dated:

A copy is forwarded to Chief Administrator, PUDA, S.A.S. Nagar alongwith D.D.No. 097588 dated 30.01.2020 amounting to Rs. 28,500 of Kotak Mohindra Bank as S.I.F. charges(5% of EDC & L.F.) for information and necessary action. Difference if any, shall be recovered from the applicant at your own level.

DA/As above.

  
Senior Town Planner(HQ),  
o/o Chief Town Planner,  
Punjab, Chandigarh.


Endst. No.


CTP(Pb)

Dated:

Copy is forwarded to the following for information and necessary action:-

- 1) Chairman Punjab Pollution Control Board, Patiala.
- 2) Chief Conservator of Forests, Punjab, Chandigarh.
- 3) Senior Town Planner, Patiala.
- 4) District Town Planner, Patiala

  
Senior Town Planner(HQ),  
o/o Chief Town Planner,  
Punjab, Chandigarh.  
(Sekhon)

  
(Dr. SC Sharma)  
Registrar



DIRECTORATE OF TOWN & COUNTRY PLANNING, PUNJAB  
Puda Bhawan, 6<sup>th</sup> floor, Block-'A', Sector 62, SAS NAGAR

To

M/s. Chitkara Education Trust,  
Administrative Office,  
Saraswati Kendra, SCO No.160-161,  
Sector-9C, Chandigarh-160009.

Memo No. 3967 -CTP(Pb)/SP-432 (P)  
Dated: 22-06-18


Subject:- Change of land use for Educational M/s Chitkara Educational Trust  
at Village Jhansla & Fatehpur Garhi, Tehsil Rajpura, Distt. Patiala  
Under Compounding Policy (11.163 Acre)

Ref: Your letter dated 15.06.2018

2. Your request for change of land use of additional area of 11.163 Acre for  
Educational purpose M/s Chitkara Educational Trust at Village Fatehpur Garhi, Tehsil  
Rajpura, Distt. Patiala, under Compounding Policy has been considered at Government level  
and the permission for change of land use is hereby granted on the following terms and conditions.  
The detail of land as verified by Tehsildar Rajpura is given below:-

Khasra No.(K-M)	Area for CLU Permission (In acre)
No. 28//19/2(6-0), 22(8-0), 18/2(3-5), 23(9-3), 33//2(7-0-1), 3(8-0), 6(2-0), 8/1(5-8), 33//7(8-0), 4(5-8), 28//12 Min(3-7), Village Fatehpur Garhi and Kh.No. 47//13/2(2-13), 17(8-0), 18(6-10), 24(4-2), 52/4(2-10), Village Jhansla Total 89K-5M-10Sarshi (11.163 acre)	Permission granted for CLU 11.163Acre.

- i) The change of land use shall be in the hands of M/s Chitkara Educational Trust.
- ii) Applicant shall deposit CLU, license fee, EDC and all other charges levied or to be levied by the Housing and Urban Development Department from time to time.
- iii) Applicant shall get the Building Plans approved from the Competent Authority for the CLU being granted and shall get the buildings falling in already approved CLU area 11.163Acre acres compounded by depositing the compounding fee to the Competent Authority as per the notification dated 17.08.2016.
- iv) The issue of ownership of land is independent and exclusive of permission of Change of Land Use. Therefore, this permission of CLU does not in any manner grant or effect ownership right of this land, which have to be determined by Competent Authority. The applicant in whose hands this Change of Land Use lies shall be bound by the decision of such Competent Authority.
- v) Applicant shall be responsible for litigation, if any regarding land in any court of law.
- vi) Applicant shall obtain NOC from PPCB, if required under the Water (Prevention and Control of Pollution) Act, 1974, Municipal Solid Waste Management and Handling Rules, 2008 or any other relevant Act before undertaking any development at the site.
- vii) This permission will not provide any immunity from any other Act/Rules/Regulations applicable to the land in question.
- viii) Applicant shall make provision of rain water harvesting and solar water heating within the project area at its own cost.
- ix) Applicant shall make its own suitable provision for drinking water supply and disposal of sewage & solid waste management and shall not obstruct the flow of storm water/ rain water of the surrounding areas.
- x) Applicant shall obtain any other permission required under any other Act at his own level.

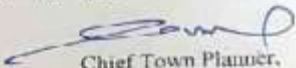
  
(Dr. SC Sharma)  
Registrar





- xi) Thorough revenue rastas/chals and pucca roads if any, passing through the site shall be kept unobstructed.
- xii) Applicant shall not make any construction under any H.T./L.T. electric lines passing through the site.
- xiii) Applicant shall abide by all the provisions of the Master Plan Rajpura
- xiv) Applicant shall abide by all the conditions levied by the forest department in their letter No.9-PBB448/2009-ROC/1869, dated 24.05.2010.
- xv) Applicant shall bound to abide by all the conditions levied in N.O.C. letter No.107 dated 26.08.2015 issued by Executive Engineer(C.W.D) SAS Nagar regarding access from NH 64.
- xvi) Applicant shall abide by all the conditions levied in the letter No.EO(R)/GMADA/S-3/2010/1090 dated 04.05.2018 regarding scheduled road access.
- xvii) As per notification issued vide Memo No.PUDA/CA/2013/1 713-16, dated 27.02.2013, the promoter shall not use underground water for construction of development works in the notified area.

CLU Charges for institutions are exempted as per notification No.17/17/2001-SHg2/PF/48168/17 dt. 06.05.2016.

  
Chief Town Planner,  
Punjab, Chandigarh


Endst.No.:

CTP(Pb)/

Dated:

A copy is forwarded to Chief Administrator, GMADA, S.A.S.Nagar alongwith (EDC charges) D.D.No. 972063 dated 15.06.2018 amounting to Rs. 31,15,600/- and (License fee) D.D.O.No. 972064 dated 15.06.2018 amounting to Rs.4,41,350/- of Kotak Mahindra Bank towards EDC charges and License fee are attached respectively for information and necessary action. Difference if any, shall be recovered from the applicant at your own level.

DA/As above.

  
Chief Town Planner,  
Punjab, Chandigarh.

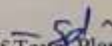
Endst.No.:

CTP(Pb)/

Dated:

A copy is forwarded to Chief Administrator, PUDA alongwith D.D.No. 972065 dated 15.06.2018 amounting to Rs. 1,77,850/ of Kotak Mahindra Bank as S.I.F. charges for information and necessary action. Difference if any, shall be recovered from the applicant at your own level.

DA/As above.

  
Chief Town Planner,  
Punjab, Chandigarh.

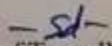
Endst.No


CTP(Pb)/

Dated:

Copy is forwarded to the following for information and necessary action:-

- 1) Chairman Punjab Pollution Control Board, Patiala.
- 2) Chief Conservator of Forests, Punjab, Chandigarh.
- 3) Senior Town Planner, Patiala.
- 4) District Town Planner, Patiala

  
Chief Town Planner,  
Punjab, Chandigarh.

  
(Dr. SC Sharma)  
Registrar



DIRECTORATE OF TOWN & COUNTRY PLANNING, PUNJAB  
 Puda Bhawan, 6<sup>th</sup> floor, Block-'A', Sector 62, SAS NAGAR

To: M/s. Chitkara Education Trust,  
 Administrative Office,  
 Saraswati Kendra, SCO No.160-161,  
 Sector-9C, Chandigarh-160009.

Memo No. 3009 CTP(PUDA) SP-112/CP  
 Dated: 04-05-2018

Subject:- Change of land use for Educational M/s Chitkara Educational Trust  
 under Compounding Policy at Village Fatehpur Garhi, Tehsil  
 Rajpur, Distt. Patiala (11.764Acre).

Ref: Your letter No.CU/CET/HO/2018/118, dated 05.02.2018

Your request for change of landuse of additional area of 11.764Acre for  
 Educational purpose M/s Chitkara Educational Trust at Village Fatehpur Garhi, Tehsil  
 Rajpur, Distt. Patiala, under Compounding Policy has been considered at Government level  
 and the permission for change of land use is hereby granted on the following terms and conditions.  
 The detail of land as verified by Tehsildar Rajpura is given below:-

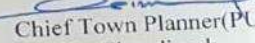
Khasra No.(K-M)	Area for CLU Permission (In acre)
29//4/2(5-2), 5/2(5-2), 6(7-17), 15(6-16), 16(8-9), 24(8-0), 17(8-0), 33//2Min(1-0 10), 1(8-0), 28//1(1-9), 10(7-0), 11(7-7), 12.Min.0-1-10), 20(8-0), 21(8-0), 29(8-0) Total 97 K-11.5M (12.19 acre)	Permission granted for CLU <b>11.764 (Total area 12.19 acre -                  0.433 acres area under road                  widening)</b>

- The change of land use shall be in the hands of M/s Chitkara Educational Trust.
- Applicant shall deposit CLU, license fee, EDC and all other charges levied or to be levied by the Housing and Urban Development Department from time to time
- Applicant shall get the Building Plans approved from the Competent Authority for the CLU being granted and shall get the buildings falling in already approved CLU area 11.764 acres compounded by depositing the compounding fee to the Competent Authority as per the notification dated 17.08.2016.
- The issue of ownership of land is independent and exclusive of permission of Change of Land Use. Therefore, this permission of CLU does not in any manner grant or effect ownership right of this land, which have to be determined by Competent Authority. The applicant in whose hands this Change of Land Use lies shall be bound by the decision of such Competent Authority.
- Applicant shall be responsible for litigation, if any regarding land in any court of law.
- Applicant shall obtain NOC from PPCB, if required under the Water (Prevention and Control of Pollution) Act, 1974, Municipal Solid Waste Management and Handling Rules, 2008 or any other relevant Act before undertaking any development at the site.
- This permission will not provide any immunity from any other Act/Rules/Regulations applicable to the land in question.
- Applicant shall make provision of rain water harvesting and solar water heating within the project area at its own cost.
- Applicant shall make its own suitable provision for drinking water supply and disposal of sewage & solid waste management and shall not obstruct the flow of storm water/ rain water of the surrounding areas.
- Applicant shall obtain any other permission required under any other Act at his own level.
- Thorough revenue ristas/khals and pucca roads if any, passing through the site shall be kept unobstructed.
- Applicant shall not make any construction under any H.T./L.T. electric lines passing through the site.
- Applicant shall abide by all the provisions of the Master Plan Rajpura
- Applicant shall abide by all the conditions levied by the forest department in their letter No.9-PBB448/2009-ROC/1869, dated 24.05.2010.

  
 (Dr. SC Sharma)  
 Registrar



- xv) Applicant shall bound to abide by all the conditions levied in N.O.C, letter No.107 dated 26.08.2015 issued by Executive Engineer(C,W,D) SAS Nagar regarding access from NH 64.
- xvi) Applicant shall be bound to leave 11'-9" strip of land along the Khasra Nos.29//4/2.6,15,16,17 &24 and 28//11 & 20, (wherever the revenue rasta touches the site) in order to widen the existing 16'-6" rasta to 40'-0" in proposed area and also shall be bound to widen the revenue rasta passing through the existing campus to 40' and shall be bound to keep it unobstructed
- xvii) Applicant shall be bound to submit permission from Competent Authority for deriving access from Scheduled Road under section 143 of the Punjab Regional and Town Planning & Development Act, 1995.
- xviii) As per notification issued vide Memo No.PUDA/CA/2013/1 713-16, dated 27.02.2013, the promoter shall not use underground water for construction of development works in the notified area.
- xix) Applicant shall bound the abide by all the conditions imposed in various letters issued by fire station officer, Fire Station Rajpura, dated 29.08.2017, 10.01.2017, 21.02.2017.
- CLU Charges for institutions are exempted as per notification No.17/17/2001-5Hg2/PF/748168/17 dt. 06.05.2016.


  
Chief Town Planner(PUDA),  
Punjab, Chandigarh.  
Dated:

Endst.No.

CTP(PUDA)/

A copy is forwarded to Chief Administrator, GMADA, S.A.S.Nagar alongwith (EDC charges) D.D.No. 673078 dated 05.02.2018 amounting to Rs. 30,93,950/- & D.D.No. 871417 dated 04.05.2018 amounting to Rs. 1,09,200/- and (License fee) D.D.O.No. 673079, dated 05.02.2018 amounting to Rs. 4,47,100/- & D.D.No. 871416 dated -04.05.2018 amounting to Rs. 15,783/- of Kotak Mahindra Bank towards EDC charges and License fee are attached respectively for information and necessary action. Difference if any, shall be recovered from the applicant at your own level.

DA/ As above

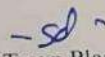
  
Chief Town Planner (PUDA),  
Punjab, Chandigarh.  
Dated:

Endst. No.

CTP(PUDA)/

A copy is forwarded to Chief Administrator, PUDA alongwith D.D.No. 673108 dated 13.02.2018 amounting to Rs. 1,77,100/- & D.D.No. 871415 dated 04.05.2018 amounting to Rs. 6,250/- of Kotak Mahindra Bank as S.I.F. charges for information and necessary action. Difference if any, shall be recovered from the applicant at your own level.

DA/As above.

  
Chief Town Planner(PUDA.),  
Punjab, Chandigarh.


Endst.No.


CTP (PUDA)

Dated:

Copy is forwarded to the following for information and necessary action:-

- 1) Chairman Punjab Pollution Control Board, Patiala.
- 2) Chief Conservator of Forests, Punjab, Chandigarh.
- 3) Senior Town Planner, Patiala.
- 4) District Town Planner, Patiala

  
Chief Town Planner(PUDA)  
Punjab, Chandigarh.

  
(Dr. SC Sharma)  
Registrar





## Annexure - VII

### ANALYSIS REPORTS



**Centre for Environment and Food Technology Pvt. Ltd.**

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS); ISO/IEC 17025: 2017  
 NABL & IQAS Accredited, PSSAI and MoEF Recognised Testing Laboratory

#### TEST REPORT

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT/2402/868	Report Date	08.02.2023
Your Ref. No	Nil	Type of sample	Ambient Air Sample
Sample Code Given by Customer	Nil	Date of sampling	19.02.2024
Sampling Location	Near Fire Tank (Downwind)	Date of Sample Receipt	20.02.2024
Sample Collected By	Lab Person	Sample I.D.	CEFT/GTN/2402/868
Sampling procedure	As per SOP	Date of test	20.02.2024-24.02.2024

TECHNICAL DATA		
1	Location of Sampling Station	Near Fire Tank (Downwind)
2	Instrument Used for Sampling	Respirable Dust Sampler
3	Source of Sampling	Ambient Air Sample
4	Temperature of Sampling Location	18°C
5	Environmental Condition	Max temp. 24°C Min temp. 08°C Clear sky and wind direction east to west
6	Flow Rate of Sampling	0.2 LPM
7	Time Period for Sampling	1440 min

Sr. No.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1.	Respirable suspended particulate matter( PM <sub>10</sub> )	83	100.0 µg/m <sup>3</sup>	IS 5182 (Part-23)
2.	Sulphur dioxide (SO <sub>2</sub> )	12	80.0 µg/m <sup>3</sup>	IS 5182 (Part-2)
3.	Nitrogen dioxide (NO <sub>2</sub> )	26	80.0 µg/m <sup>3</sup>	IS 5182 (Part-6)
4.	Fine particulate matter ( PM <sub>2.5</sub> )	46	60.0 µg/m <sup>3</sup>	IS 5182 (Part-24)
5.	CO	ND	2.0 mg/m <sup>3</sup>	IS 5182 (Part-10)
6.	Nickel (Ni)	ND	20.0 ng/m <sup>3</sup>	IS 5182 (Part-22)
7.	Arsenic (As)	ND	6.0 ng/m <sup>3</sup>	IS 5182 (Part-22)
8.	Lead (Pb)	ND	1.0 µg/m <sup>3</sup>	IS 5182 (Part-22)
9.	Benzene (C <sub>6</sub> H <sub>6</sub> )	ND	5.0 µg/m <sup>3</sup>	IS 5182 (Part-11)
10.	Benzo(a)pyrene (BaP)	ND	1.0 ng/m <sup>3</sup>	IS 5182 (Part-12)
11.	Ammonia (NH <sub>3</sub> )	ND	400.0 µg/m <sup>3</sup>	IS 5182 (Part-25)
12.	Ozone (O <sub>3</sub> )	ND	100.0 µg/m <sup>3</sup>	IS 5182 (Part-9)

Note: ND denotes NOT Detectable

Page No.1/1


\*End of Report\*

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami  
 Satsung Bhawan, Kharar, Mohali,Punjab-140301



- Note :
1. The test results are related to the sample/ tested as identified.
  2. The sample will be discarded after retention time of 7 days unless otherwise specified.
  3. Any Discrepancy found in the test report may be communicated within seven days.
  4. This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.
  5. The Court Jurisdiction will be Delhi.
  6. Customer complaint register is available at the laboratory.

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Mayapuri, New Delhi - 110015 Ph: - 011-45012722  
 Email: info@ceftlab.com Website: www.ceftlab.com

  
 (Dr. SC Sharma)  
 Registrar





**Centre for Environment and Food Technology Pvt. Ltd.**

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS): ISO/IEC 17025: 2017  
 NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Laboratory

**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY,  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT/2402/869	Report Date	08.02.2023
Your Ref. No	Nil	Type of sample	Ambient Air Sample
Sample Code Given by Customer	Nil	Date of sampling	19.02.2024
Sampling Location	Park(Near Tesla Block) (Upwind)	Date of Sample Receipt	20.02.2024
Sample Collected By	Lab Person	Sample I.D.	CEFT/GEN/2402/869
Sampling procedure	As per SOP	Date of test	20.02.2024-24.02.2024

**TECHNICAL DATA**

1	Location of Sampling Station	Park(Near Tesla Block) (Upwind)
2	Instrument Used for Sampling	Respirable Dust Sampler
3	Source of Sampling	Ambient Air Sample
4	Temperature of Sampling Location	18°C
5	Environmental Condition	Max temp. 24°C
		Min temp. 08°C
		Clear sky and wind direction east to west
6	Flow Rate of Sampling	0.2 LPM
7	Time Period for Sampling	1440 min

Sr.No.	PARAMETERS	RESULTS	STANDARD	TEST METHOD
1.	Respirable suspended particulate matter( $PM_{10}$ )	01	100.0 $\mu\text{g}/\text{m}^3$	IS 5102 (Part-23)
2.	Sulphur dioxide ( $SO_2$ )	11	80.0 $\mu\text{g}/\text{m}^3$	IS 5102 (Part-2)
3.	Nitrogen dioxide ( $NO_2$ )	22	80.0 $\mu\text{g}/\text{m}^3$	IS 5102 (Part-6)
4.	Fine particulate matter ( $PM_{2.5}$ )	40	60.0 $\mu\text{g}/\text{m}^3$	IS 5102 (Part-24)
5	CO	ND	2.0 $\text{mg}/\text{m}^3$	IS 5102 (Part-10)
6	Nickel (Ni)	ND	20.0 $\text{ng}/\text{m}^3$	IS 5102 (Part-22)
7	Arsenic (As)	ND	6.0 $\text{ng}/\text{m}^3$	IS 5102 (Part-22)
8	Lead (Pb)	ND	1.0 $\mu\text{g}/\text{m}^3$	IS 5102 (Part-22)
9	Benzene ( $C_6H_6$ )	ND	5.0 $\mu\text{g}/\text{m}^3$	IS 5102 (Part-11)
10	Benzo(a)pyrene (BaP)	ND	1.0 $\text{ng}/\text{m}^3$	IS 5102 (Part-12)
11	Ammonia ( $NH_3$ )	ND	400.0 $\mu\text{g}/\text{m}^3$	IS 5102 (Part-25)
12	Ozone ( $O_3$ )	ND	100.0 $\mu\text{g}/\text{m}^3$	IS 5102 (Part-9)

Note: ND denotes NOT Detectable

Page No.1/1

\*End of Report\*

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami  
 Satsung Bhawan, Kharar, Mohali,Punjab-140301



- Note :
- The test results are related to the sample/ tested as identified.
  - The sample will be discarded after retention time of 7 days unless otherwise specified.
  - Any Discrepancy found in the test report may be communicated within seven days.
  - This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.
  - The Court Jurisdiction will be Delhi.
  - Illustrational photographs registered to available on our laboratory.

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Mayapuri, New Delhi - 110015 Ph.: - 011-45012722  
 Email: info@ceftlab.com, Website : www.ceftlab.com

*Dr. SC Sharma*  
 (Dr. SC Sharma)  
 Registrar





**Centre for Environment and Food Technology Pvt. Ltd.**

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS); ISO/IEC 17025: 2017  
 NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Laboratory

**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH – PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT/2402/870 & 871	Report Date	24.02.2024
Customer Ref. No	Nil	Type of Sample	Ambient Noise
Sample Code given by Customer	Nil	Date of Monitoring	19.02.2024
Sample Monitored By	Lab Person	Sample ID.	CEFT/GEN/2402/870 & 871
Sampling Procedure	As per SOP		

S.No.	Site	Observations		Limits in dB(A) Leq As per Noise Pollution Regulation and Control Rules 2000(CPCB 2010)	Test method
		Time of Sampling	Results dB(A) Leq		
1	Near Fire Tank (Downwind)	Day - 10:00 am - 11:00 am	48.4	50	IS 9989
		Night- 10:00 pm - 11:00 pm	35.1	40	
2	Park(Near Tesla Block) (Upwind)	Day - 11:15 am - 12:15 pm	43.6	50	IS 9989
		Night- 11:20 pm - 12:20 am	35.4	40	

Page No. 1/1

\*End of Report\*


Branch Office-111A, Sunder Enclave, First Floor, Near maa Shimla Homes, Opposite radha swami  
 Satsung Bhawan, Kharar, Mohali, Punjab-140301

- Note :
1. The test results are related to the sample/ tested as identified.
  2. The sample will be discarded after retention time of 7 days unless otherwise specified.
  3. Any Discrepancy found in the test report may be communicated within seven days.
  4. This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.
  5. The Court jurisdiction will be Delhi.
  6. Customer complaint register is available at the laboratory.




Authorized Signatory

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Moli Nagar, New Delhi - 110015 Ph. : 011-46012722  
 Email: info@ceftlab.co.in Website : www.ceftlab.com

  
 (Dr. SC Sharma)  
 Registrar



**Annexure – VIII**



**Centre for Environment and Food Technology Pvt. Ltd.**  
 An ISO 9001; 2015, ISO 45001; 2018 (OHSAS); ISO/IEC 17025; 2017 | IQAS Accredited

**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 858	Report Date	24.02.2024
Your Ref. No./Work Order and date:	---	Type of Sample	Stack Emission (D.G.SET-1)
Sample Code Given by Customer	Nil	Date of Sampling	19.02.2024
Sampling Location	Within Premises	Date of Sample Receipt	20.02.2024
Sample Collected By	Lab Person	Sample I.D.	CEFT GEN 2402 858
Sampling procedure	As per SOP	Date of Test	20.02.2024-24.02.2024


TECHNICAL DATA			
Instrument Used for Sampling	Stack Monitoring Instrument		
Source of Emission	D.G.Set (500 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25379800	Model Name	Cummins
Mfg Year	06.2012	Fuel Used	H.S.D
		Type & Qty. of fuel used (lt/hr.)	80 Liter/hr
Velocity of Flue Gases	9.70m/s	Type of Stack	Round of M.S
Ambient Air Temp	18°C	Sampling Time	45Min
Stack height	45 feet	Stack Temperature	146°C
Diameter of Stack	08 inch		
Stack material Metal/RCC/Brick	Metal		
Identification single/multiple	Single		
Sampling port hole/platform	Sampling done by standing on Platform		

SRL NO.	PARAMETERS	RESULTS	Limits	TEST METHOD
1	Particulate Matter, g/kw-hr	0.12	≤0.2	IS 11255(Pt-1)
2	Oxides of Nitrogen (NOx) as NO <sub>2</sub> + THC, g/kw-hr	0.21	≤4.0	IS:11255(Pt-7)
3	Sulphur Content, ( as SO <sub>2</sub> ) %	ND	≤2%	IS 11255 Part 2
4	Carbon Monoxide, (as CO) g/kw-hr	0.32	≤3.5	IS 13270

Page No.1/1

\*End of Report\*


**Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami Satsung Bhawan, Kharar, Mohali,Punjab-140301**



Authorized Signatory

Note : 1. The test results are related to the sample/ tested as identified.  
 2. The sample will be discarded after retention time of 7 days unless otherwise specified.  
 3. Any Discrepancy found in the test report may be communicated  
 4. This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.  
 5. The Court Jurisdiction will be Delhi.  
 6. Customer complaint register is available at the laboratory.

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Moli Nagar, New Delhi - 110015 Ph. : - 011-45012722  
 Email: info@ceftlab.com, Website : www.ceftlab.com

  
 (Dr. SC Sharma)  
 Registrar







**Centre for Environment and Food Technology Pvt. Ltd.**

An ISO 9001; 2015, ISO 45001; 2018 (OHSAS); ISO/IEC 17025; 2017 | IQAS Accredited

**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH – PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 864	Report Date	24.02.2024
Your Ref. No./Work Order and date:	...	Type of Sample	Stack Emission (D.G.SET-2)
Sample Code Given by Customer	Nil	Date of Sampling	19.02.2024
Sampling Location	Within Premises	Date of Sample Receipt	20.02.2024
Sample Collected By	Lab Person	Sample I.D.	CEFT GEN 2402 864
Sampling procedure	As per SOP	Date of Test	20.02.2024-24.02.2024

**TECHNICAL DATA**

Instrument Used for Sampling	Stack Monitoring Instrument		
Source of Emission	D.G.Set (500 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25397706	Model Name.	Cummins
Mfg.Year	03/2014	Fuel Used	H.S.D
		Type & Qty. of fuel used (lt/hr.)	80 Liter/hr
Velocity of Flue Gases	10.55m/s	Type of Stack	Round of M.S
Ambient Air Temp	19 °C	Sampling Time	45Min
Stack Height	45 feet	Stack Temperature	162°C
Diameter of Stack	08 inch		
Stack material Metal/RCC/Brick	Metal		
Identification single/multiple	Single		
Sampling port hole/platform	Sampling done by standing on Platform		

SR. NO.	PARAMETERS	RESULTS	Limits	TEST METHOD
1	Particulate Matter, g/kw-hr	0.13	≤0.2	IS:11255(Pt -1)
2	Oxides of Nitrogen (NOx) as NO <sub>2</sub> + THC, g/Kw-hr	0.26	≤4.0	IS:11255(Pt -7)
3	Sulphur Content, ( as SO <sub>2</sub> ) %	ND	<2%	IS 11255 Part 2
4	Carbon Monoxide, (as CO) g/Kw-hr	0.35	≤3.5	IS 13270

Page No.1/1


\*End of Report\*

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 Satsung Bhawan, Kharar, Mohali,Punjab-140301

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 6. Customer complaint register is available at the laboratory.

  
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**TEST REPORT**

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 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT/2402/062	Report Date	24.02.2024
Your Ref. No./Work Order and date:	---	Type of Sample	Stack Emission (D.G.SET-3)
Sample Code Given by Customer	Nil	Date of Sampling	19.02.2024
Sampling Location	Within Premises	Date of Sample Receipt	20.02.2024
Sample Collected By	Lab Person	Sample I.D.	CEFT/GEN/2402/062
Sampling procedure	As per SOP	Date of Test	20.02.2024-24.02.2024

**TECHNICAL DATA**

Instrument Used for Sampling	Stack Monitoring Instrument		
Source of Emission	D.G.Set (600 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	KV2.5004/1000075	Model Name.	Kirloskar
Mfg.Year	06/2010	Fuel Used	H.S.D
		Type & Qty. of fuel used (lt/hr.)	70 Liter/hr
Velocity of Flue Gases	10.20m/s	Type of Stack	Round of MS
Ambient Air Temp	18 °C	Sampling Time	47 Min
Stack Height	45 feet	Stack Temperature	122 °C
Diameter of Stack	06 inch		
Stack material Metal/BCC/Brick	Metal		
Identification single/multiple	Single		
Sampling port hole/platform	Sampling done by standing on Platform		

SR. NO.	PARAMETERS	RESULTS	Limits	TEST METHOD
1	Particulate Matter, g/kw-hr	0.16	≤0.2	IS:11255(Pt -1)
2	Oxides of Nitrogen (NOx) as NO <sub>2</sub> + THC, g/Kw-hr	0.31	≤4.0	IS:11255(Pt -7)
3	Sulphur Content, ( as SO <sub>2</sub> ) %	ND	<2%	IS 11255 Part 2
4	Carbon Monoxide, (as CO) g/Kw-hr	0.35	≤3.5	IS 13270

Page No.1/1


\*End of Report\*

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ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 060	Report Date	24.02.2024
Your Ref. No./Work Order and date:	—	Type of Sample	Stack Emission (D.G.SET-4)
Sample Code Given by Customer	Nil	Date of Sampling	19.02.2024
Sampling Location	Within Premises	Date of Sample Receipt	20.02.2024
Sample Collected By	Lab Person	Sample I.D.	CEFT GEN 2402 060
Sampling procedure	As per SOP	Date of Test	20.02.2024-24.02.2024

**TECHNICAL DATA**

Instrument Used for Sampling	Stack Monitoring Instrument		
Source of Emission	D.G.Set (500 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25427341	Model Name	Cummins
Mfg Year	20.06.2017	Fuel Used	H.S.D
		Type & Qty. of fuel used (l/hr.)	80 Liter/hr
Velocity of Flue Gases	9.20m/s	Type of Stack	Round of M.S
Ambient Air Temp	18 °C	Sampling Time	40Min
Stack Height	45 feet	Stack Temperature	160°C
Diameter of Stack	08 inch		
Stack material Metal/RCC/Brick	Metal		
Identification: single/multiple	Single		
Sampling port hole/platform	Sampling done by standing on Platform		

Sr. NO.	PARAMETERS	RESULTS	Limits	TEST METHOD
1	Particulate Matter, g/Kw-hr	0.15	≤0.2	IS:11255(P1 -1)
2	Oxides of Nitrogen (NOx) as NO <sub>2</sub> + THC, g/Kw-hr	0.25	≤4.0	IS:11255(P1 -7)
3	Sulphur Content, ( as SO <sub>2</sub> ) %	ND	<2%	IS 11255 Part 2
4	Carbon Monoxide, (as CO) g/Kw-hr	0.33	≤3.5	IS 13270

Page No.1/1


\*End of Report\*

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 Registrar





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ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 856	Report Date	24.02.2024
Your Ref. No/Work Order and date:	...	Type of Sample	Stack Emission (D.G.SET-5)
Sample Code Given by Customer	Nil	Date of Sampling	19.02.2024
Sampling Location	Within Premises	Date of Sample Receipt	20.02.2024
Sample Collected By	Lab Person	Sample I.D.	CEFT GEN 2402 856
Sampling procedure	As per SOP	Date of Test	20.02.2024-24.02.2024

TECHNICAL DATA			
Instrument Used for Sampling	Stack Monitoring Instrument		
Source of Emission	D.G.Set (910 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25473515	Model Name.	Cummins
Mfg.Year	09.05.2022	Fuel Used	H.S.D
Velocity of Flue Gases	10.02m/s	Type & Qty. of fuel used (lt/hr.)	180 Liter/hr
Ambient Air Temp	18 °C	Type of Stack	Round of M.S
Stack Height	50 feet	Sampling Time	45Min
Diameter of Stack	10 inch	Stack Temperature	214°C
Stack material Metal/RCC/Brick	Metal		
Identification single/multiple	Single		
Sampling port hole/platform	Sampling done by standing on Platform		

SR. NO.	PARAMETERS	RESULTS	Limits	TEST METHOD
1	Particulate Matter, g/kw-hr	0.13	≤0.2	IS:11255(Pt-1)
2	Oxides of Nitrogen (NO <sub>x</sub> ) as NO <sub>2</sub> + THC, g/Kw-hr	0.24	≤4.0	IS:11255(Pt-7)
3	Sulphur Content, ( as SO <sub>2</sub> ) %	ND	<2%	IS 11255 Part 2
4	Carbon Monoxide, (as CO) g/Kw-hr	0.40	≤3.5	IS 13270

Page No.1/1

\*End of Report\*

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*Dr. SC Sharma*  
 (Dr. SC Sharma)  
 Registrar





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**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH – PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 866	Report Date	24.02.2024
Your Ref. No./Work Order and date:	...	Type of Sample	Stack Emission (D.G.SET)
Sample Code Given by Customer	Nil	Date of Sampling	19.02.2024
Sampling Location	Sub Station-02	Date of Sample Receipt	20.02.2024
Sample Collected By	Lab Person	Sample I.D.	CEFT GEN 2402 866
Sampling procedure	As per SOP	Date of Test	20.02.2024-24.02.2024

TECHNICAL DATA			
Instrument Used for Sampling	Stack Monitoring Instrument		
Source of Emission	D.G.Set (500 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25409686	Model Name.	Cummins
Mfg.Year	27.06.2015	Fuel Used	H.S.D
		Type & Qty. of fuel used (lt/hr.)	80 Liter/hr
Velocity of Flue Gases	9.42m/s	Type of Stack	Round of M.S
Ambient Air Temp	19 °C	Sampling Time	46 Min
Stack Height	40 feet	Stack Temperature	128°C
Diameter of Stack	08 inch		
Stack material Metal/RCC/Brick	Metal		
Identification single/multiple	Single		
Sampling port hole/platform	Sampling done by standing on Platform		

SR. NO.	PARAMETERS	RESULTS	Limits	TEST METHOD
1	Particulate Matter, g/kw-hr	0.12	≤0.2	IS:11255(Pt -1)
2	Oxides of Nitrogen (NO <sub>x</sub> ) as NO <sub>2</sub> + THC, g/Kw-hr	0.30	≤4.0	IS:11255(Pt -7)
3	Sulphur Content, ( as SO <sub>2</sub> ) %	ND	<2%	IS 11255 Part 2
4	Carbon Monoxide, (as CO) g/Kw-hr	0.43	≤3.5	IS 13270

Page No.1/1


\*End of Report\*

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**Annexure - IX**



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**TEST REPORT**

<p><b>Party Name</b> : M/s Chitkara University                  Chandigarh – Patiala National Highway,                  Village Jhansla, Rajpura, District Patiala, Punjab</p> <p><b>Sample Description</b> : STP Inlet  <b>Sampling Location</b> : STP Plant-1  <b>Sample Code</b> : -  <b>Source</b> : -  <b>Sample Collected by</b> : Sampler</p>	<p><b>Report No.</b> : CEFT/150  <b>Format No.</b> : 7.8 F-01G  <b>Reporting date</b> : 31.01.2024  <b>Analysis completion date</b> : 27.01.2024 to 31.01.2024  <b>Receipt Date</b> : 27.01.2024  <b>Sampling Date</b> : 25.01.2024  <b>Sampling Method</b> : Grab  <b>Sample Quantity</b> : 1 Ltr  <b>LSRF/Sample ID</b> : CEFT/GEN/2401270150</p>
--	---

**TEST RESULT**

S. No.	Parameter	Result	Unit	Test-Protocol
1	pH (at 25 °C)	7.32	-	IS 3025 (Part-11)
2	TSS	108.0	mg/l	IS 3025 (Part-17)
3	BOD (at 27°C for 3 days)	115.0	mg/l	IS 3025 (Part-44)
4	COD	306.0	mg/l	IS 3025 (Part-58)
5	Oil & Grease	40.0	mg/l	IS 3025 (Part-39)
6	TDS	711.0	mg/l	IS 3025 (Part-16)
7	Ammonical Nitrogen	31.5	mg/l	IS 3025 (Part-34)
8	Total Kjeldahl Nitrogen	56.7	mg/l	IS 3025 (Part-34)
9	Phosphorus	34.00	mg/l	IS 3025 (Part-31)

Page No. 1/1

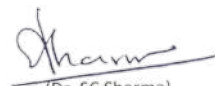
\*\*End of Report\*\*

Swati  
 Checked By  
 Ms. Swati



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**TEST REPORT**

<b>Party Name</b>	: M/s Chitkara University Chandigarh – Patiala National Highway, Village Jhansia, Rajpura, District Patiala, Punjab	<b>Report No.</b>	: CEFT/154
		<b>Format No.</b>	: 7.8 F-01G
		<b>Reporting date</b>	: 31.01.2024
		<b>Analysis completion date</b>	: 27.01.2024 to 31.01.2024
		<b>Receipt Date</b>	: 27.01.2024
<b>Sample Description</b>	: <b>STP Outlet</b>	<b>Sampling Date</b>	: 25.01.2024
<b>Sampling Location</b>	: STP Plant-1	<b>Sampling Method</b>	: Grab
<b>Sample Code</b>	: -	<b>Sample Quantity</b>	: 2 Ltr
<b>Source</b>	: -	<b>LSRF/Sample ID</b>	: CEFT/GEN/2401270154
<b>Sample Collected by</b>	: Sampler		

**TEST RESULT**

S. No.	Parameter	Result	Unit	Test-Protocol	Limit as Per CPCB
1	pH (at 25 °C)	7.25	-	IS 3025 (Part-11)	5.5-9
2	TSS	16.0	mg/l	IS 3025 (Part-17)	100
3	BOD (at 27°C for 3 days)	18.0	mg/l	IS 3025 (Part-44)	30
4	Oil and Grease	0.8	mg/l	IS 3025 (Part-39)	10
5	COD	90.0	mg/l	IS 3025 (Part-58)	250
6	TDS	625.0	mg/l	IS 3025 (Part-16)	Not Specified
7	Phosphorous	0.5	mg/l	IS 3025 (Part-31)	Not Specified
8	Ammonical Nitrogen	3.6	mg/l	IS 3025 (Part-34)	50
9	Total Kjeldahl Nitrogen	5.80	mg/l	IS 3025 (Part-34)	100

Page No. 1/1

**\*\*End of Report \*\***

*Swati*  
 Checked By  
 Ms. Swati

*Meek Puja*  
 Authorized Signatory  
 Meek Puja

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**TEST REPORT**

<b>Party Name</b>	: M/s Chitkara University Chandigarh – Patiala National Highway, Village Jhansla, Rajpura, District Patiala, Punjab	<b>Report No.</b>	: CEFT/145
		<b>Format No.</b>	: 7.8 F-01G
		<b>Reporting date</b>	: 31.01.2024
		<b>Analysis completion date</b>	: 27.01.2024 to 31.01.2024
<b>Sample Description</b>	: STP Inlet	<b>Receipt Date</b>	: 27.01.2024
<b>Sampling Location</b>	: STP Plant-2	<b>Sampling Date</b>	: 25.01.2024
<b>Sample Code</b>	: -	<b>Sampling Method</b>	: Grab
<b>Source</b>	: -	<b>Sample Quantity</b>	: 1 Ltr
<b>Sample Collected by</b>	: Sampler	<b>LSRF/Sample ID</b>	: CEFT/GEN/2401270145

**TEST RESULT**

S. No.	Parameter	Result	Unit	Test-Protocol
1	pH (at 25 °C)	8.56	-	IS 3025 (Part-11)
2	TSS	135.0	mg/l	IS 3025 (Part-17)
3	BOD (at 27°C for 3 days)	96.0	mg/l	IS 3025 (Part-44)
4	COD	344.0	mg/l	IS 3025 (Part-58)
5	Oil & Grease	36.0	mg/l	IS 3025 (Part-39)
6	TDS	686.0	mg/l	IS 3025 (Part-16)
7	Ammonical Nitrogen	30.0	mg/l	IS 3025 (Part-16)
8	Total Kjeldahl Nitrogen	47.8	mg/l	IS 3025 (Part-34)
9	Phosphorous	25.0	mg/l	IS 3025 (Part-34)

Page No. 1/1

**\*\*End of Report \*\***

*Swati*  
 Checked By  
 Ms. Swati

  
 Authorized Signatory  
 Mrs. Puja

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**TEST REPORT**

Party Name : M/s Chitkara University  
 Chandigarh – Patiala National Highway,  
 Village Jhansla, Rajpura, District Patiala, Punjab

Report No. : CEFT/152  
 Format No. : 7.8 F-01G  
 Reporting date : 31.01.224  
 Analysis completion date : 27.01.2024 to 31.01.2024  
 Receipt Date : 27.01.2024  
 Sampling Date : 25.01.2024  
 Sampling Method : Grab  
 Sample Quantity : 2 Ltr  
 LSRF/Sample ID : CEFT/GEN/2401270152

Sample Description : **STP Outlet**  
 Sampling Location : **STP Plant-2**  
 Sample Code : -  
 Source : -  
 Sample Collected by : Sampler

**TEST RESULT**

S. No.	Parameter	Result	Unit	Test-Protocol	Limit as Per CPCB
1	pH (at 25 °C)	7.36	-	IS 3025 (Part-11)	5.5-9
2	TSS	10.0	mg/l	IS 3025 (Part-17)	100
3	BOD (at 27°C for 3 days)	14.0	mg/l	IS 3025 (Part-44)	30
4	Oil and Grease	0.2	mg/l	IS 3025 (Part-39)	10
5	COD	120.0	mg/l	IS 3025 (Part-58)	250
6	TDS	586.0	mg/l	IS 3025 (Part-16)	Not Specified
7	Phosphorous	0.4	mg/l	IS 3025 (Part-31)	Not Specified
8	Ammonical Nitrogen	3.9	mg/l	IS 3025 (Part-34)	50
9	Total Kjeldhal Nitrogen	7.50	mg/l	IS 3025 (Part-34)	100

Page No. 1/1

**\*\*End of Report\*\***

Checked By  
 Ms. Swati

Authorized Signatory  
 Mrs. Rupa

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 Registrar



## Annexure - X



### Centre for Environment and Food Technology Pvt. Ltd.

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#### TEST REPORT

**ISSUED TO: M/s CHITKARA UNIVERSITY**  
 CHANDIGARH – PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 859	Report Date	24.02.2024
Your Ref. No:	NIL	Type of Sample	NOISE MONITORING FOR D.G.SET-1
Sample Code Given by Customer	NIL		
Sampling Location	Within Premises		
Sample Monitored By	Lab Person	Date of Monitoring	19.02.2024
Sampling procedure	As per SOP	Sample I.D.	CEFT GEN 2402 859
		Date of Test	24.02.2024
Instrument Used for Sampling		Noise Meter	
Source	D.G.Set (500 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25379800		
Mfg.Year:	06.2012		
Fuel Used	H.S.D		

SR. NO.	LOCATION/AREA	RESULTS dB(A) Leq	LIMITS IN dB(A) Leq As per 2000	TEST METHOD
A	DG Set With Acoustic Enclosure	DG Set ON		
1	Average Noise levels measured at different points at 1.0 m from the enclosure surface	74.3	75	IS 4758

Page No.1/1

\*End of Report\*

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami  
 Satsung Bhawan, Kharar, Mohali,Punjab-140301

- Note :
1. The test results are related to the sample/ tested as identified.
  2. The sample will be discarded after retention time of 7 days unless otherwise specified.
  3. Any Discrepancy found in the test report may be communicated
  4. This report shall not be reproduced, cannot be used as evidence in the court of law and should not be used in any advertising media without written permission of CEO, CEFT Pvt. Ltd.
  5. The Court Jurisdiction will be Delhi.
  6. Customer complaint register is available at the laboratory.

  
 Authorized Signatory

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Moli Nagar, New Delhi - 110015 Ph.: - 011-45012722  
 Email: info@cefflab.com, Website : www.cefflab.com

  
 (Dr. SC Sharma)  
 Registrar





**Centre for Environment and Food Technology Pvt. Ltd.**

An ISO 9001; 2015, ISO 45001; 2018 (OHSAS); ISO/IEC 17025; 2017 | IQAS Accredited

**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 865	Report Date	24.02.2024
Your Ref. No.	NIL	Type of Sample	NOISE MONITORING FOR D.G.SET-2
Sample Code Given by Customer	NIL		
Sampling Location	Within Premises		
Sample Monitored By	Lab Person	Date of Monitoring	19.02.2024
Sampling procedure	As per SOP	Sample I.D.	CEFT GEN 2402 865
		Date of Test	24.02.2024
Instrument Used for Sampling	Noise Meter		
Source	D.G.Set (500 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25397706		
Mfg Year	03/2014		
Fuel Used	H.S.D		

SR. NO.	LOCATION/AREA	RESULTS dB(A) Leq	LIMITS IN dB(A) Leq As per 2000	TEST METHOD
A	DG Set With Acoustic Enclosure	DG Set ON		
1	Average Noise levels measured at different points at 1.0 m from the enclosure surface	74.3	75	IS 4758

Page No.1/1


\*End of Report\*

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami  
 Satsung Bhawan, Khurar, Mohali,Punjab-140301

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 5. The Court Jurisdiction will be Delhi.  
 6. Customer complaint register is available at the laboratory

  
 Authorized Signatory

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Mall Nagar, New Delhi - 110015 Ph. - 011-45012722  
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**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 863	Report Date	24.02.2024
Your Ref. No:	NIL	Type of Sample	NOISE MONITORING FOR D.G.SET-3
Sample Code Given by Customer	NIL		
Sampling Location	Within Premises		
Sample Monitored By	Lab Person	Date of Monitoring	19.02.2024
Sampling procedure	As per SOP	Sample I.D.	CEFT GEN 2402 863
		Date of Test	24.02.2024
Instrument Used for Sampling	Noise Meter		
Source	D.G.Set (600 KVA) 1 No, Stack Attached to D.G.Set		
Engine S. No	KV2-5004/1000075		
Mfg.Year	06/2010		
Fuel Used	H.S.D		

SR. NO.	LOCATION/AREA	RESULTS dB(A) Leq	LIMITS IN dB(A) Leq As per 2000	TEST METHOD
A	DG Set With Acoustic Enclosure	DG Set ON		
1	Average Noise levels measured at different points at 1.0 m from the enclosure surface.	73.7	75	IS 4758

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\*End of Report\*

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami Satsung Bhuawan, Kharar, Mohali,Punjab-140301

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  5. The Court Jurisdiction will be Delhi.
  6. Customer complaint register is available at the laboratory.

  
 Authorized Signatory

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Moli Nagar, New Delhi - 110015 Ph:- 011-45012722  
 Email: info@ceftlab.com, Website : www.ceftlab.com

  
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**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH – PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 061	Report Date	24.02.2024
Your Ref. No:	NIL	Type of Sample	NOISE MONITORING FOR D.G.SET-4
Sample Code Given by Customer	NIL		
Sampling Location	Within Premises		
Sample Monitored By	Lab Person	Date of Monitoring	19.02.2024
Sampling procedure	As per SOP	Sample I.D.	CEFT GEN 2402 061
		Date of Test	24.02.2024
Instrument Used for Sampling	Noise Meter		
Source	D.G.Set (500 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25427341		
Mfg Year	20.06.2017		
Fuel Used	H.S.D		

SR. NO.	LOCATION/AREA	RESULTS dB(A) Leq	LIMITS IN dB(A) Leq As per 2000	TEST METHOD
A	DG Set With Acoustic Enclosure	DG Set ON		
I	Average Noise levels measured at different points at 1.0 m from the enclosure surface	74.1	75	IS-4758

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\*End of Report\*

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami Satsung Bhawan, Kharar, Mohali,Punjab-140301

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 5. The Court Jurisdiction will be Delhi.  
 6. Customer complaint register is available at the laboratory.

  
 Authorized Signatory

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 Email: info@ceftlab.com, Website : www.ceftlab.com

  
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**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 857	Report Date	24.02.2024
Your Ref. No:	NIL	Type of Sample	NOISE MONITORING FOR D.G.SET-5
Sample Code Given by Customer	NIL		
Sampling Location	Within Premises		
Sample Monitored By	Lab Person	Date of Monitoring	19.02.2024
Sampling procedure	As per SOP	Sample I.D.	CEFT GEN 2402 857
		Date of Test	24.02.2024
Instrument Used for Sampling	Noise Meter		
Source	D.G.Set (910 KVA) 1 No. Stack Attached to D.G.Set		
Engine S.No	25473515		
Mfg Year:	09.05.2022		
Fuel Used	H.S.D		

SR. NO.	LOCATION/AREA	RESULTS dB(A) Leq	LIMITS IN dB(A) Leq As per 2000	TEST METHOD
A	DG Set With Acoustic Enclosure	DG Set ON		
1	Average Noise levels measured at different points at 1.0 m from the enclosure surface	73.7	75	IS 4758

Page No.1/1


\*End of Report\*

Branch Office-111A, Sunder Enclave,First Floor, Near maa Shimla Homes,Opposite radha swami Satsung Bhawan, Kharar, Mohali,Punjab-140301

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 5. The Court Jurisdiction will be Delhi.  
 6. Customer complaint register is available at the laboratory.

  
 Authorized Signatory

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Mofl Nagar, New Delhi - 110015 Ph.: - 011-45012722  
 Email: info@ceftlab.com, Website : www.ceftlab.com

  
 (Dr. SC Sharma)  
 Registrar





**Centre for Environment and Food Technology Pvt. Ltd.**

An ISO 9001: 2015, ISO 45001: 2018 (OHSAS); ISO/IEC 17025: 2017  
 NABL & IQAS Accredited, FSSAI and MoEF Recognised Testing Laboratory

**TEST REPORT**

ISSUED TO: M/s CHITKARA UNIVERSITY  
 CHANDIGARH - PATIALA NATIONAL HIGHWAY,  
 VILLAGE JHANSLA, RAJPURA, DISTRICT PATIALA, PUNJAB

Report No.	CEFT 2402 067	Report Date	24.02.2024
Your Ref. No.	NIL	Type of Sample	NOISE MONITORING FOR D.G.SET
Sample Code Given by Customer	NIL		
Sampling Location	Sub Station-02		
Sample Monitored By	Lab Person	Date of Monitoring	19.02.2024
Sampling procedure	As per SOP	Sample I.D.	CEFT GEN 2402 067
		Date of Test	24.02.2024
Instrument Used for Sampling	Noise Meter		
Source	D.G.Set (500 KVA) 1 No. Stack Attached to D.G.Set		
Engine S. No	25409686		
Mfg Year:	27.06.2015		
Fuel Used	H.S.D		

SR. NO.	LOCATION/AREA	RESULTS dB(A) Leq	LIMITS IN dB(A) Leq As per 2000	TEST METHOD
A	DG Set With Acoustic Enclosure	DG Set ON		
I	Average Noise levels measured at different points at 1.0 m from the enclosure surface	73.9	75	IS 4758: 2002

Page No.1/1

\*End of Report\*

Branch Office - 111A, Sunder Enclave, First Floor, Near maa Shimla Homes, Opposite radha swami  
 Satsung Bhawan, Kharar, Mohali, Punjab - 140301



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  5. The Court Jurisdiction will be Delhi.
  6. Customer complaint register is available at the laboratory.

Regd. Address - Bldg. No. 17, 1st & 2nd Floor, DLF Industrial Area, Mofl Nagar, New Delhi - 110015 Ph.: - 011-45012722  
 Email: info@ceftlab.com, Website : www.ceftlab.com

*Dr. SC Sharma*  
 (Dr. SC Sharma)  
 Registrar



**Annexure - XI**

E-Mail- [eomcraj@yahoo.co.in](mailto:eomcraj@yahoo.co.in) Tel: 01762-224114 Fax: 01762-501201

**MUNICIPAL COUNCIL, RAJPURA (PATIALA)**

ਦਫਤਰ ਨਗਰ ਕੌਂਸਲ, ਰਾਜਪੁਰਾ (ਪਟਿਆਲਾ)

No- 1503

Date 30/5/19

To,

Registrar  
Chitkara University, Rajpura,  
Punjab.

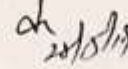
**Subject- Prev. No Objection Certificate : Solid Waste Disposal at Main Dump, Rajpura.**


Sir,

With reference to your request letter Ref. No. CUPB/REG/2019/294 dated 30 Apr 2019, you are provisionally allowed to dispose segregated solid waste from Chitkara University Campus to Solid Waste Main Dump (Ambala road) under the jurisdiction of Municipal Council, Rajpura, Patiala.

You shall deposit the charges decided by the House to Municipal Council Office upon the final decision on the Subject.

Executive Officer  
Municipal Council Rajpura.

  
20/5/19


  
(Dr. SC Sharma)  
Registrar





**Annexure - XII**



  
(Dr. SC Sharma)  
Registrar




**Annexure – XIII**

**Details of Expenditure made on CSER Activities by  
University**

Expenditure made on CSER Activities for the period from 01.10.2023 to 31.03.2024  
is as given below: -

Sr. No.	Description	Amount (in Rs.)
1	Construction of Girls Toilets in Elementary School – Ramnagar	2,00,000
2	Tree Plantation and Maintenance with Tree Guards – Ramnagar	1,00,000
3	Paver Tiles in Elementary School – Ramnagar	4,00,000
	<b>Total</b>	<b>7,00,000/-</b>


  
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Registrar



**Annexure – XIV**

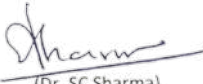
**Details of Expenditure made on EMP implementing by University**

c) Allocation made for EMP with item wise and year wise break-up	<b>CAPITAL COST</b>		
	<b>S. No.</b>	<b>Activity</b>	<b>Annual Cost (INR)</b>
	1.	Sewage collection, treatment & disposal	40,00,000.00
	2.	MSW management	10,00,000.00
	3.	Environment monitoring	2,00,000.00
	4.	Consulting & advisory services	2,00,000.00
	5.	Miscellaneous maintenance	20,00,000.00
	6.	Sundry	5,00,000.00
		<b>TOTAL</b>	<b>79,00,000.00</b>
	<b>OPERATIONAL COST</b>		
	<b>S. No.</b>	<b>Activity</b>	<b>Cost (INR)</b>
	1.	Statutory permissions	31,87,500.00
	2.	Sewage collection and treatment system	80,00,000.00
	3.	Storm water management	30,00,000.00
	4.	Electrical and fire safety	60,00,000.00
	5.	MSW collection	10,00,000.00
	6.	Green belt development	15,00,000.00
	7.	General expenses during construction phase	10,00,000.00
	8.	Sundry	10,00,000.00
	<b>TOTAL</b>	<b>2,46,87,500.00</b>	

  
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 Registrar



<b>g) BC ratio/IRR and the year of assessment</b>	As the project is educational cum Research institute Beneficial cost cannot be calculated
<b>h) Whether includes the cost of EMP as shown above</b>	Yes
<b>i) Actual expenditure incurred on project so far</b>	The actual expenditure done on the project till 31 <sup>st</sup> March, 2024 is Rs.353.37 Crores.
<b>j) Actual expenditure incurred on EMP so far</b>	Actual expenditure done on the environmental Management plans till 31 <sup>th</sup> March, 2024 is Rs. 2,44,57,600/- which includes major expenditure for wastewater management & treatment, air & noise pollution control for D.G. sets, green belt development, storm water management & rain water harvesting, municipal solid waste management & fees incurred on statutory permissions etc. <u>Apart from this expenditure, the Institute has provided solar energy system of 200 KW on which expenditure of Rs. 83,50,000/- has been made.</u>

  
(Dr. SC Sharma)  
Registrar

