



FLOW TECH CHEMICALS PVT. LTD.

An ISO 9001 : 2008 & ISO 14001:2004 Certified
Manufacturer & Exporters of Chlorinated Paraffin & HCL
CIN NO. : U25202DL1996PTC078956

Dated: 22.06.2019

Director,
Govt. of India, MOEF&CC,
Northern Regional Office,
Bays No. 24-25,
Sector-31, Chandigarh.160030

**Subject: Half yearly compliance of Flowtech Chemicals (P) Ltd, Nangal
Punjab, for period of June, 2019.**

Dear Sir,

This is in reference to the requirement stated in Environmental Clearance granted by the EAC, Ministry of Environment & Forests, Government of India vide their file No. J-11011/335/2012-IA II (I) dated 30.01.2015. Copy of the same was sent by them to you also.

As per general condition no. (xvi) of the Environment Clearance for our aforesaid project, we are herewith submitting the half yearly report for the period ending March, 2019.

Thanking you.

Contact Details:

Name: Mr. S S Dahiya
(Director)

Email: ssdahiya@flowtechgroup.in
Mobile No. 09811047063

Yours truly,
For Flowtech Chemicals (P) Limited


(Authorized Signatory)

S. No.	Name of Project	M/S Flow Tech Chemicals (P) Limited
1	Project In charge & Address	Mr. SS Dahiya (Director) PACL Campus, Naya Nangal, District Ropar, Punjab. Mobile No.- 09811047063 Telephone- Fax- Email:info@flowtechgroup.com
2	Current status of the construction / establishment work.	Construction work completed
3	Location of Project	PACL Campus, Naya Nangal, District Ropar, Punjab.
4	Copy of Data Sheet	Enclosed herewith as annexure-i.
5	The area of forest land to be diverted for passage or other purpose in your project and latest status of approval from MOE & F as per forest (conservation Act, 1980.	No. The unit does not fall in any notified reserved forest area.
6	Current status point wise Compliance of stipulated Environmental condition / safeguards.	Enclosed herewith as annexure-ii.
7	Test Certificates	Copy enclosed herewith as annexure-iii.

DATA SHEET

1	Project Type	Chemical Manufacturing unit
2	Name of Project	M/S Flow Tech Chemicals (P) Limited
3	Clearance letter No.	J-11011/335/2012-IA-II (I) Dated 30/01/2015.
4	Location: a) District (S) b) State (S) c) Latitudes d) Longitudes	Ropar Punjab 31° 22' 16" North 76° 20' 44" East
5	Address for Correspondence	Mr. SS Dahiya (Director) PACL Campus, Naya Nangal, District Ropar, Punjab. Mobile No.- 09811047063
6	Salient features: a) of project b) of EMP	M/s Flow Tech Chemicals (P) Limited have proposed to manufacture Chlorinated Paraffin (19200 MTA) and Hydrochloric Acid (38400 MTPA) at PACL Campus, Naya Nangal, Ropar, Punjab. Total land requirement is 12000 m ² . No Forest land is involved. No National Park, Wildlife Sanctuary within 5 km radius of the project site. No court cases/litigation is pending against the project. Total cost of the project is Rs. 346 lacs. Rs. 8.0 Lacs
7	Breakup of project Area a) Submerged area forest & non forest. b) Others	NIL 12000 sqm.
8	Breakup of project affected population with enumeration of those losing houses/dwelling units only, agriculture land only both dwelling units and agriculture land and landless laborers/artisans a) SC/ST/Adivasis	NA

	b) others	--
9	<p>Financial details</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year of price rat reference.</p> <p>b) Allocation made for environmental management plans with item wise and year wise breakup.</p> <p>c) Benefit cost ratio/internal rate of return and year of assessment.</p> <p>d) Whether (c) includes the cost of environmental management as shown in b) above.</p> <p>e) Actual expenditure incurred on the project so far.</p> <p>f) Actual expenditure incurred on the EMP so far</p>	<p>346 Lacs</p> <p>8.0 Lacs</p> <p>----</p> <p>Yes</p> <p>340 Lacs</p> <p>7.5 Lacs</p>
10	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non –forestry use.</p> <p>b) Status of clear felling</p> <p>c) The status of compensatory a forestation, if any.</p> <p>d) Comments on the viability & sustainability of compensatory a forestation programs in the light of actual field experience so far.</p>	<p>NA</p> <p>NA</p> <p>NIL</p> <p>NIL</p>
11	The status of clear felling in non forest areas.	NIL
12	<p>Status of construction:</p> <p>a) Date of commencement</p> <p>b) Date of completion.</p>	<p>Feb.- 2015.</p> <p>Sept- 2015.</p>
13	Reason for delay if any the projects yet to start.	Project completed within proposed time.

COMPLIANCE OF EC
M/s Flowtech Chemicals (P) Limited,
PACL Campus, Naya Nangal

Sr. No.	Compliance Description	<u>Remarks</u>
A. SPECIFIC CONDITIONS:		
i)	National Emission Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21st July,2010 and amended time to time shall be followed by the unit.	Noted & Agreed.
ii)	Two stage chilled water/ caustic scrubber/ Graphite block absorber shall be provided to process vents to control HCF. The scrubbing media shall be sent to effluent treatment plant (ETP) for treatment. Efficiency of scrubber shall be monitored regularly and maintained properly. At no time, the emission levels shall go beyond the prescribed standards.	Agreed and being complying.
iii)	Chlorine shall be supplied through pipeline. Chlorine alarm system shall be installed for early warning on action of chlorine control. No chlorine shall be stored in the plant premises. An adequate safety and Risk Assessment Plan for use of Chlorine shall be prepared based on which an On-site and Off-site Emergency Preparedness and Disaster Management Plan shall be prepared and implemented.	Agreed & being complying as per requested. Chlorine alarm system have been installed for early detection. As per requested, Risk and Disaster management plan have been implemented as per the guidelines of CPCB. Mitigation measures are also in place.
iv)	In plant control measures for checking fugitive emissions from all the vulnerable sources shall be provided. Adequate dust suppression systems with water spray shall be provided for storage yard, junction houses. Raw material loading and unloading area shall be covered and also provided with water	Agreed and being complying. Water sprinkler system have been setup within the project premises.

	spraying system. Fugitive emissions in the work zone environment, product, raw materials storage area etc. shall be regularly monitored and records maintained. The emissions shall conform to the limits stipulated by the Punjab Pollution Control Board (PPCB).	Water tanker have been used for sprinkling of water on haul roads.
v)	Continuous monitoring system for HCl and chlorine shall be installed at all important places/ areas. Effective measures shall be taken immediately, when monitoring results indicate above the permissible limits.	Agreed and being complying. As mentioned earlier. Chlorine detecting monitoring system have been installed at different places.
vi)	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.	Agreed & Complied.
vii)	The company shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on its website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the Punjab Pollution Control Board (PPCB). The levels of PM ₁₀ , SO ₂ , NO _x , CO, HCl, Cl ₂ , VOCs in ambient air shall be monitored and displayed at a convenient location near the main gate of the company and at important public places.	Agreed and being complying.
viii)	Total fresh water requirement from ground water source shall not exceed 90 m ³ / day and prior permission shall be obtained from the CGWA/SGWA.	Noted & Agreed.
ix)	Entire effluent from utilities blow down, domestic sewage etc. shall be treated in biological effluent treatment plant followed by Reverse Osmosis. Treated effluent shall be recycled/ reused for the cooling tower make-up. Water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB. Water quality	There is no generation of trade effluent from process. Domestic effluent after proper treatment is used for

	of treated effluent from ETP shall be monitored regularly.	plantation within the project premises.
x)	No effluent from the plant shall be discharged outside the factory premises and 'Zero' effluent discharge concept shall be followed.	Agreed and being complying.
xi)	Process effluent/ any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard ponds.	Agreed & Complied.
xii)	The company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from PPCB shall be obtained for disposal of solid/ hazardous waste in the TSDF. Measures shall be taken for firefighting facilities in case of emergency.	Not applicable. There is no hazardous waste generation of from process.
xiii)	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All Transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Noted & Agreed.
xiv)	Alarm for chlorine leakage if any in the liquid chlorine storage area is provided along with automatic start of the scrubbing system.	Agreed. Chlorine detecting alarm are in place at different points in the project premises.
xv)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees should be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Material handling training has been given on the regular basis.

xvi)	As proposed, green belt over 33% of the total project area shall be developed within plant premises with at least 10-meter-wide green belt on all sides along the periphery of the project area, in downward direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Agreed & being complying. Different species of plants have been planted on regular basis fulfilling the 33% criteria of green belt.
xvii)	All the commitment made regarding issues raised during the Public Hearing/ consultation meeting held on 3rd April, 2013 shall be satisfactorily implemented.	Agreed & Complied. All issues raised at the time of public hearing have been addressed.
xviii)	At least 5% of the total cost of the project shall be earmarked towards the Enterprise social responsibility based on Public Hearing issues and item-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office at Bhopal, Implementation of such program shall be ensured accordingly in a time bound manner.	Agreed and being complying.
xix)	Provision shall be made for the housing for the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project. All the construction wastes shall be managed so that there is no impact on the surrounding environment.	During construction phase only local engaged. However, they were daily workers and none of them stays at the project site. The drinking water and sanitation facilities have been provided.

B. GENERAL CONDITIONS :

i)	The project authorities shall strictly adhere to the stipulations made by the Punjab Pollution Control Board.	Agreed.
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forests. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of	Noted & Agreed.

	conditions imposed and to add additional environmental protection measures required, if any.	
iii)	The locations of ambient air quality monitoring stations shall be decided in consultation with the Punjab Pollution Control Board (PPCB) and it shall be ensured that at least one station is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.	Agreed & Complied.
iv)	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989 viz. 75. dBA (day time) and 70 dBA (night time).	Noise level in and around the premises is well within the standards prescribed limits. Noise monitoring report attached herewith as annexure-iii.
v)	The Company shall harvest rainwater from the roof-tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.	Noted. & Agreed.
vi)	The Company shall obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-boundary Movement) Rules, 2008 and its amendment time to time and prior permission from PPCB shall be obtained for disposal of solid/hazardous waste including boiler ash.	Not applicable. There is no hazardous waste generation from the process.
vii)	During transfer of materials, spillages shall be avoided and garland drains be constructed to avoid mixing of accidental spillages with domestic wastewater and storm water drains.	Agreed. As per instructed garland drains have been constructed in order to avoid mixing of accidental spillages.

viii)	Usage of Personnel Protection Equipments by all employees/workers shall be ensured.	All required PPE have been provided and instructed to have them on all the time in the premises.
ix)	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Agreed & Complied.
x)	The Company shall also comply with all the environmental protection measures and safeguards proposed in the project report submitted to the Ministry. All the recommendations made in the EIA/ EMP in respect of environmental management, risk mitigation measures and public hearing relating to the project shall be implemented.	Agreed & Complied. All of the recommendations as per the EIA/EMP have been implemented.
xi)	The Company shall undertake CSR activities and all relevant measures for improving the socio-economic conditions of the surrounding area.	Agreed & Complying. School Certificate & photographs attached herewith as annexure-iii.
xii)	The Company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.	Noted & Complying.
xiii)	A separate Environmental Management Cell equipped with full-fledged laboratory facilities shall be set-up to carry out the Environmental Management and Monitoring functions.	Agreed & Complied.
xiv)	As proposed, the Company shall earmark sufficient funds toward capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government along with the implementation	Agreed & Complied.

	schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	
xv)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad/ Municipal Corporation. Urban local Body and the local NGO, if any from who suggestions/ representations, if any, were received while processing the proposal.	Clearance letter have been sent to all of the concerned departments.
xvi)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the Punjab Pollution Control Board (PPCB). A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the Company.	Compliance reports have been submitted on the regular basis along with the latest analysis reports.
xvii)	The environmental statement for each financial year ending 31st March in Form-V as is mandated , shall be submitted to the Punjab Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the Company alongwith the status of compliance of environmental clearance conditions and shall also be sent to the Chandigarh Regional Offices of MOEF by e-mail.	Agreed and being Complying.
xviii)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB/ Committee and may also be seen at Website of the Ministry at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional	Agreed & Complied.

	Office of the Ministry.	
xix)	The project authorities 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 and the date of start of the project.	Agreed & being complying.

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ANALYSIS REPORT

AMBIENT AIR REPORT

Website : www.cptl.co.in

H.O. : #372, Sec. 15-A, Chandigarh-160 015 ☎ : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : sital_cptlmohali@yahoo.co.in, cptle126@gmail.com, lab@cptl.co.inNABET accredited EIA consultant, MoEF & CC & PPCB recognized
ISO 9001 : 2015, ISO 14001:2015 and OHSAS 18001:2007 certified laboratoryTEST CERTIFICATE

REPORTING DATE: 08.03.2019

NAME OF INDUSTRY:	M/s. FLOWTECH CHEMICALS (P)LTD, PACL CAMPUS, NAYA NANGAL, DISTRICT-ROPAR.
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SAMPLE PARTICULARS

Sampling Plan Ref. No.:	CPTL/AAM/06	Type of Sample:	Air Quality
Date of Sample Collection:	03.03.2019	Point of Sample:	Near Main Gate
Date of Sample Received in Lab.:	03.03.2019	Environmental Conditions:	Normal
Sample Identification No.:	CPTL/EC/2019/01(A)	Analysis Duration:	03.03.2019 to 08.03.2019
Nature of Sample:	Air Sample	Sample Collected By:	Dhairya Sharma & Team

TECHNICAL DATA

1.	Location of Sampling station	Near Main Gate
2.	Instrument used for Sampling	RDS,FPS & Gaseous attachment
6.	Time period for Sampling	480 minutes

<u>PARAMETERS</u>	<u>RESULTS</u>	<u>PRESCRIBED STANDARD AS PER NOTIFICATION, 18TH NOVEMBER, 2009</u>	<u>TEST METHOD</u>
Particulate Matter (PM ₁₀), µg/m ³	82.5	100	IS 5182 (P-23): 2006, (RA – 2012)
Particulate Matter (PM _{2.5}), µg/m ³	37.3	60	SP 61 Issue Date-04-08-2012
Nitrogen Dioxide (NO ₂), µg/m ³	28.3	80	IS 5182 (P-2): 2001, (RA-2012)
Sulphur dioxide (SO ₂), µg/m ³	9.6	80	IS 5182 (P-6): 2006, (RA – 2012)
Carbon monoxide (CO), mg/m ³	0.62	4	IS 5182 (Part-10): 1999, (RA – 2009)
Chloride (HCl), µg/m ³	ND	--	APHA Air (720A)
Chlorine (Cl ₂), µg/m ³	ND	--	APHA Air (202)

(Signature)
(Chemist In-Charge)
Date: 08/03/2019
R.S. Rana
Technical Manager
Chandigarh Pollution Testing Lab

(Signature)
(Authorized Sign.)
Date: 08/03/19
Sital Singh
CEO
Chandigarh Pollution Testing Lab

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law.
- Sample will be destroyed after retention time unless otherwise specified.



CHANDIGARH POLLUTION TESTING LABORATORY

(Environmental Monitoring, EIA, NOC, ETP, STP)

Website : www.cptl.co.in

H.O. : #372, Sec. 15-A, Chandigarh-160 015 ☎ : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : sital_cptlmohali@yahoo.co.in, cptle126@gmail.com, lab@cptl.co.in



NABET accredited EIA consultant, MoEF & CC & PPCB recognized
ISO 9001 : 2015, ISO 14001:2015 and OHSAS 18001:2007 certified laboratory



TEST CERTIFICATE

REPORTING DATE: 08.03.2019

NAME OF INDUSTRY:	M/s. FLOWTECH CHEMICALS (P)LTD, PACL CAMPUS, NAYA NANGAL, DISTRICT-ROPAR.
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SAMPLE PARTICULARS

Sampling Plan Ref. No.:	CPTL/AAM/06	Type of Sample:	Air Quality
Date of Sample Collection:	03.03.2019	Point of Sample:	Back side of building
Date of Sample Received in Lab.:	03.03.2019	Environmental Conditions:	Normal
Sample Identification No.:	CPTL/EC/2019/01a(A)	Analysis Duration:	03.03.2019 to 08.03.2019
Nature of Sample:	Air Sample	Sample Collected By:	Dhairya Sharma & Team

TECHNICAL DATA

1.	Location of Sampling station	Back side of building
2.	Instrument used for Sampling	RDS,FPS & Gaseous attachment
6.	Time period for Sampling	480 minutes

PARAMETERS	RESULTS	PREScribed STANDARD AS PER NOTIFICATION. 18 TH NOVEMBER, 2009	TEST METHOD
Particulate Matter (PM ₁₀), µg/m ³	84.3	100	IS 5182 (P-23): 2006, (RA – 2012)
Particulate Matter (PM _{2.5}), µg/m ³	36.8	60	SP 61 Issue Date-04-08-2012
Nitrogen Dioxide (NO ₂), µg/m ³	27.2	80	IS 5182 (P-2): 2001, (RA-2012)
Sulphur dioxide (SO ₂), µg/m ³	9.8	80	IS 5182 (P-6): 2006, (RA – 2012)
Carbon monoxide (CO), mg/m ³	0.62	4	IS 5182 (Part-10): 1999, (RA – 2009)
Chloride (HCl), µg/m ³	ND	--	APHA Air (720A)
Chlorine(Cl ₂), µg/m ³	ND	--	APHA Air(202)

(Chemist In-Charge)

Date: 08/03/2019

R.S. Rana

Technical Manager

Chandigarh Pollution Testing Lab

(Authorized Sign.)

Date: 08/03/19

Sital Singh

CEO

Chandigarh Pollution Testing Lab

- The results are related to test items only.
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- Sample will be destroyed after retention time unless otherwise specified.

NOISE MONITORING REPORT



Website : www.cptl.co.in

H.O. : #372, Sec. 15-A, Chandigarh-160 015 ☎ : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : sital_cptlmohali@yahoo.co.in, cptle126@gmail.com, lab@cptl.co.in



NABET accredited EIA consultant, MoEF & CC & PPCB recognized
ISO 9001 : 2015, ISO 14001:2015 and OHSAS 18001:2007 certified laboratory

TEST CERTIFICATE

NAME OF INDUSTRY:	M/s. FLOWTECH CHEMICALS (P)LTD, PACL CAMPUS, NAYA NANGAL, DISTRICT-ROPAR.
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SAMPLE PARTICULARS

Type of Sample:	Noise Level Monitoring
Date of Monitoring	03.03.2019
Date of Reporting	08.03.2019
Sample Identification no.	CPTL/EC/2019/01(AN)
Sampling Protocol:	IS 9989:1981(Rev.2001), CPCB Guidelines and Customer's Requirements.
Sample Collected By	Dhairya Sharma & Team

S. No.	Locations	Noise Levels in dB(A)- Day Time (Hourly)	Test Method
1.	North Side	56.4	IS 9989:1981(Rev.2001)
2.	South Side	57.8	IS 9989:1981(Rev.2001)
3.	East Side	55.3	IS 9989:1981(Rev.2001)
4.	West Side	58.2	IS 9989:1981(Rev.2001)
Prescribed Standard		75	---

(Chemist In-Charge)
Date: 08/03/2019
H.S. Rana
Technical Manager
Chandigarh Pollution Testing Lab

(Authorized Sign.)
Date: 08/03/19
Sital Singh
CEO
Chandigarh Pollution Testing Lab

- The results are related to test items only.
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- Sample will be destroyed after retention time unless otherwise specified specially

GROUND WATER REPORT



Website : www.cptl.co.in

H.O. : #372, Sec. 15-A, Chandigarh-160 015 ☎ : 0172-4669295

Lab : E-126, Phase-VII, Indl. Area, Mohali - 160055 ☎ : 0172-5090312; e-mail : sital_cptlmohali@yahoo.co.in, cptle126@gmail.com, lab@cptl.co.in



NABET accredited EIA consultant, MoEF & CC & PPCB recognized
ISO 9001 : 2015, ISO 14001:2015 and OHSAS 18001:2007 certified laboratory

TEST CERTIFICATE

NAME OF INDUSTRY:	M/s. FLOWTECH CHEMICALS (P)LTD, PACL CAMPUS, NAYA NANGAL, DISTRICT-ROPAR.
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SAMPLE PARTICULARS

Type of Sample	Ground Water(Grab)
Quantity & Packaging	2litres in Plastic Bottle +25 ml in sterilized glass bottle
Point of Sample Collection	From Tube well
Date of Sample Collection	03.03.2019
Date of Sample Received in Lab	03.03.2019
Sample Identification no.	CPTL/EC/2019/01(W)
Analysis Duration	03.03.2019 to 08.03.2019
Date of Reporting	08.03.2019
Sample Collected By	Dhairya Sharma & Team
Sampling Protocol	IS: 3025 (P-1) 1987 R1998 Amdt-1
Visual Observation	Clear and Colorless

TEST RESULTS

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
1.	pH	7.34	6.5-8.5	No relaxation	APHA-4500H ⁺ , 23rd Edition
2.	Color, HU	<5	5	15	APHA-2020B, 23rd Edition
3.	*Odour	Agreeable	Agreeable	Agreeable	APHA-2150B, 23rd Edition
4.	Turbidity, NTU	<1	1	5	APHA-2130B, 23rd Edition
5.	Total Dissolved Solids, mg/l	351	500	2000	APHA-2540C, 23rd Edition
6.	Total Hardness (as CaCO ₃), mg/l	247.5	200	600	APHA-2340B, 23rd Edition
7.	Calcium (as Ca ⁺⁺), mg/l	51.4	75	200	APHA-3500B, 23rd Edition
8.	Magnesium (as Mg ⁺⁺), mg/l	28.5	30	1000	APHA-2340B, 23rd Edition
9.	Total Alkalinity (as CaCO ₃), mg/l	250.0	200	600	APHA-2320B, 23rd Edition
10.	Chloride (as Cl), mg/l	24.8	250	1000	APHA-4500B, 23rd Edition
11.	Sulphate (as SO ₄), mg/l	22.2	200	400	APHA-4500E, 23rd Edition
12.	Iron (as Fe), mg/l	0.10	1.0	No relaxation	APHA-3111B, 23rd Edition
13.	Zinc (as Zn), mg/l	ND	5	15	APHA-3030D, 23rd Edition
14.	Nitrate (as NO ₃), mg/l	ND	45	No relaxation	IS: 3025(Part-34), 1986
15.	Chromium (as Cr), mg/l	ND	0.05	No relaxation	APHA-3113B, 23rd Edition
16.	Manganese (as Mn), mg/l	ND	0.1	0.3	APHA-3030D & 3111B, 23rd Edition
17.	Lead (as Pb), mg/l	ND	0.01	No relaxation	APHA-3030D & 3111B, 23rd Edition

Page 1 of 2

Type of Sample	Ground Water(Grab)
Date of Sample Received in Lab	03.03.2019
Sample Identification no.	CPTL/EC/2019/01(W)

S. No.	Parameters	Results	Acceptable Limit	Permissible Limit	Test Method
18.	Copper (as Cu), mg/l	ND	0.05	1.5	APHA-3111B, 23rd Edition
19.	*Arsenic (as As), mg/l	ND	0.01	No relaxation	APHA-3111B, 23rd Edition
20.	*Aluminum (as Al), mg/l	ND	0.03	0.2	APHA-3500 Al-B, 23rd Edition
21.	*Mercury (as Hg), mg/l	ND	0.001	No relaxation	APHA-3500 Hg-B, 23rd Edition
22.	Boron (as B), mg/l	ND	0.5	1.0	APHA-4500B, 23rd Edition
23.	Cadmium (as Cd), mg/l	ND	0.003	No relaxation	APHA-3500 CD-A, 23rd Edition
24.	*Selenium (as Se), mg/l	ND	0.01	No relaxation	APHA-3500 Se-A, 23rd Edition
25.	Fluoride,(as F) mg/l	ND	1.0	1.5	APHA,SPANDS Method 4500- F ⁻ D
26.	Free Residual Chlorine , mg/l	ND	0.2	1	APHA-4500D, 23rd Edition
28.	E.coli/100 ml	Absent	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS : 1622-1981(RA 2009) ,MPN Method
29	Total Coliforms, MPN/100 ML	<2	Shall not be detectable in any 100 ml sample	Shall not be detectable in any 100 ml sample	IS : 1622-1981(RA 2009) ,MPN Method

(Signature)
(Chemist In-Charge)

Date:

08/03/2019 S. Rana

Technical Manager

Chandigarh Pollution Testing Lab

(Signature)
(Authorized Sign.)

Date:

08/03/19

Sital Singh

CEO

Chandigarh Pollution Testing Lab

- The results are related to test items only.
- This certificate is not to be reproduced wholly or in part and cannot be used as evidence in the court of law.
- Sample will be destroyed after retention time unless otherwise specified.
- *Parameters are not covered under NABL scope.

**SCHOOL CERTIFICATE
FOR THE DONATION OF CEILING FANS**

14/04/2017

FANS DONATION 001.jpg

*office of the Principal***Govt. Sen. Sec. School Sanoli****Distt. Una (H.P.) 01975-256377**

Ref. No.....

Dated...13-4-2017.....

Received with thanks Ten ceiling fans
as donation to the students of this
institution from Flow Tech Chemicals.
Pvt. Ltd. (Unit II) PALL Campus Naya Mangal.
Students & Staff Members feel highly obliged.
With thanks!

Principal
Govt. Sen. Sec. School
Sanoli, Distt. Una (H.P.)

CSR PHOTOGRAPHS- CEILING FANS



**SCHOOL CERTIFICATE
FOR THE DONATION OF COMPUTERS**

of the Principal
Govt. Sen. Sec. School Sanoli
Distt. Una (H.P.) 01975-256377

To..... Dated.....

Office of the Principal

GSSS Sanoli Distt Una (H.P.) No: 1466 Dated: 18-5-2018

To

Sh S.S Dhala (Director)

Flow Tech. Chemicals Pvt .Ltd (Unit.II)

PACL Campus Naya Nangal

Distt Ropar (Punjab)

Subject:- Letter of Thanksgiving.

Reverend Sir

We really feel grateful for your generous and philanthropic nature as you have donated two computer set to this institution. we would like to extend our thanks to you and your institution. your donation of computers will definitely help the students of our school while making our ICT Lab functional .

Through your generosity not only this year but during the past year also ,you have left a wonderful legacy for this institution. We all, the staffmember, students & SMC are grateful for all you have done and pledge our best efforts in continuing this service.

Please accept our warmest heartfelt thanks.

With regards


Principal

Principal
Govt. Sr Sec. School
Sanoli, Distt. Una (H.P.)

Govt Sr Sec School Sanoli

Distt Una (H.P)

PURCHASE RECEIPT OF COMPUTERS



(Input Tax Credit is available to a taxable person against this copy)

TAX INVOICE

GANPATI COMPUTERS
 CABIN SHOP NO 19, MAIN MARKET
 NANGAL TOWNSHIP, DISTT. RUPNAGAR
 PAN : APCPO690H
 GSTIN : 03AAPCK3698H1ZU
 PUNJAB - 140124

Since 2005

Tel : 01887-223818 email : gcpunjab@yahoo.co.in ashwanipatra@gmail.com ashwanig@ganpaticomputers.co.in

Original Copy

Invoice No. : 0053	Date of Invoice : 24-04-2018	Place of Supply : Punjab (03)	Reverse Charge : N
Billed to : FLOWTECH CHEMICALS PVT. LTD. UNIT 2, NAYA NANGAL PACL COMPLEX DISTT. RUPNAGAR		Shipped to : FLOWTECH CHEMICALS PVT. LTD. UNIT 2, NAYA NANGAL PACL COMPLEX DISTT. RUPNAGAR	
State : Punjab (03) GSTIN / UIN : 03AAACF4621K1ZZ		State : Punjab (03) GSTIN / UIN : 03AAACF4621K1ZZ	

S.N.	Description of Goods	HSN/SAC Code	Qty.	Unit	Price	CGST Rate	CGST Amount	SGST Rate	SGST Amount	Amount(₹)
1.	16TB REDUCEDSPEED KIT WITH 3.5" HD	8473	2.00	Pcs.	3,903.05	4.00 %	716.95	4.00 %	716.95	5,406.00
2.	HDD 320GB SATA 7200 RPM 3.5" INCH	8471	2.00	Pcs.	1,271.19	4.00 %	228.81	4.00 %	228.81	3,000.00
3.	ATX CABINET ZEBRONICS	8473	2.00	Pcs.	3,771.19	4.00 %	228.81	4.00 %	228.81	3,000.00
4.	REDUCEDSPEED KIT ZEBRONICS	8471	2.00	Pcs.	338.98	4.00 %	61.02	4.00 %	61.02	800.00
5.	LED 16" ZEBRONICS	8528	2.00	Pcs.	3,559.32	4.00 %	640.68	4.00 %	640.68	8,400.00
6.	UPS ZEBRONICS	8504	2.00	Pcs.	1,610.12	4.00 %	289.83	4.00 %	289.83	3,800.00
Grand Total					12.00 Pcs.					28,400.00

HSN Code	Tax Rate	Taxable Amt.	CGST	SGST	Total Tax
8471	18%	3,220.34	289.83	289.83	579.66
8473	18%	10,508.48	945.76	945.76	1,891.52
8504	18%	3,220.34	289.83	289.83	579.66
8528	18%	7,118.64	640.68	640.68	1,281.36
Totals		24,067.80	2,166.18	2,166.18	4,332.36

Rupees Twenty Eight Thousand Four Hundred Only

Bank Details : ICICI BANK LTD. A/C NO. : 152305500101 IFSC : ICIC0001523
 RAILWAY ROAD NANGAL DISTT. RUPNAGAR (PUNJAB)

Terms & Conditions

E & O.E.

- Goods once sold will not be taken back.
- All warranties express, implied are manufactures Warranties, provided by their respective service centers only.
- All disputes subj. to 'Anandpur Sahib' Jurisdiction only.
- Payment within 30 days after that interest charged @ 15%.

Receiver's Signature :

for GANPATI COMPUTERS

Authorised Signatory

CSR PHOTOGRAPHS-COMPUTERS DONTATED AT SCHOOL

