



PUNJAB POLLUTION CONTROL BOARD

Website:- www.ppcb.gov.in

Date: 15-07-2020

Industry Registration ID: G20SAS240617

Registration No.: 13156040

To,
Rahul Verma
M/s Ramani Precision Machines Private Limited
House No. 3126 Sector 32 D
Chandigarh, Chandigarh-160032

Subject: **Auto granted Consent to Operate for setting up an industrial unit u/s 25 of Water (Prevention & Control of Pollution) Act, 1974.**

With reference to your application for obtaining 'Consent to Operate' for setting up of an industrial plant u/s 25 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, permitted to set up the 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.

1. Particulars of Consent to Operate/Water granted to the Industry

Certificate No	CTOW/Fresh/SAS/2020/13156040
Date of issue	15-07-2020
Date of expiry	15-07-2025
Certificate Type	Fresh
Previous CTE/CTO No. & Validity	----

2. Particulars Provided by the Industry

Name & Designation of the Occupier	Rahul Verma Director				
Address of Industrial premises	Plot No. 162 , Janta Industrial Estate , Sector 82 , Mohali				
Capital investment of the industry	988.69				
Category of Industry	GREEN				
Type of Industry	3999- Miscellaneous (Green)				
Scale of the Industry	Small				
Office District	Sas Nagar				
CTE/CTO-Applied for	CTO(Water)-Fresh				
Consent Fee Details	Payment Mode	Amount	Transaction ID	Date of transaction	Date of verification
	Credit/Debit card	1800.0	57146041	2020-07-15 16:29:06.394	-

"This is computer generated document from OCMMS by PPCB"

M/s Ramani Precision Machines Private Limited, Plot No. 162 , Janta Industrial Estate , Sector 82 , Mohali, 13156040, 15-07-2020, 15-07-2025,

Raw Materials	Raw material(s)		Quantity		Units			
	Aluminium Rods & Plates		2000		Kg/Year			
	Stainless Steel sheet , Flats & Rods		2000		Kg/Year			
	Brass & Gun Metal		1000		Kg/Year			
	Structural Steel such as angle iron , Griders, strips and Flatschannels		14000		Kg/Year			
	Bearing Seals, Couplings , Chains, Belts and other hardware items		4000		Nmber/Year			
	Alloys Steels, Flats, Rounds and other		12000		Kg/Year			
	Electric Controls PLC, S AC drives, Electronics Servo Motor controls power supply control		250		Nmber/Year			
	Hydraulics Pneumatics senors displays indicators Piping Fittings		1000		Nmber/Year			
	Mild Steel plates Flats rounds of various sizes		25000		Kg/Year			
Products	Product(s)(Name)		Installed Capacity		Units			
	Special Purpose Machines		150		Nmber/Year			
	Precise Machined Parts		100		Nmber/Year			
	Jigs and Fixtures		25		Nmber/Year			
Effluent and Disposal Details	Usage	Water consumpti on kl/day	Waste water generation	Treatment Details	Disposal	Area of Disposal		
	Domestic	5	4	NR	Sewer			
	Trade Effluent			NR	NR			
	Cooling			NR	NR			
Emission Control Details	Source s of emissio n	Fuel			Stack Height (In meters)		Contro l Equip ment	Emissi on Sampli ng facility provide d
		Boiler/ Furnac e	Type	Qty	Unit	Above Groun d Level		

"This is computer generated document from OCMMS by PPCB"

DG Sets (Details)	Capacity of D.G. set(in KVA)	Quantity of Fuel used/to be used (in Lts./day)	Stack Height above ground level(meters))	Canopy/Acoustic Enclosure Provided Y/N(check)
	400	40	11	Y
62.5	10	3	Y	

A. SPECIAL CONDITIONS

- 1 This auto generated consent is based on the information / data submitted by the Industry. In case of any change of data or in case of any information submitted is found incorrect, this consent shall stand cancelled.
- 2 The inspection of industry shall be governed by the inspection policy framed by CPCB/PPCB/Govt. from time to time. In case of complaint, the industry can be visited by the Regional Office or any other officer authorized by the Competent Authority.
- 3 In case of industry is found to create conditions that generate any type of pollution and / or if there is any objection from the surrounding community and if on verification, it is found that such objection has some substance, the Board shall be at the liberty to take action against the Industry under the provisions of the Water (Prevention & Control of Pollution) Act,1974 and Air (Prevention & Control of Pollution) Act,1981 and / or Environment (Protection) Act,1986 as deemed fit.
- 4 This consent is issued on the basis of self calculation of consent fee made by the industry. In case, any difference in the consent fee deposited by the industry is found, the industry shall have to deposit the balance consent fee.
- 5 In case of change of data provided in this simplified form, the Industry shall inform the Board and shall get revised Consent. The Industry shall apply for obtaining Consent to Establish / Operate from the PPCB, in event of its graduation from Green to Orange/Red category Industry.

B. 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 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.
- 5 The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate.
- 6 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**
- 7 The industry shall provide a minimum stack height of 9.0 meter above ground level in all cases where boiler /furnace are provided and solid/liquid/gaseous fuel is used. In other cases, where stacks are provided for process emissions, the minimum stack of 3 meters above roof level shall be provided.

"This is computer generated document from OCMMS by PPCB"

- 8 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.

Stack height for diesel generating sets:

S.NO.	Capacity of diesel generating set	Height of the Stack
1.	0-50 KVA	Height of the building + 1.5 mt
2.	50-100 KVA	Height of the building + 2.0 mt.
3.	100-150 KVA	Height of the building + 2.5 mt.
4.	150-200 KVA	Height of the building + 3.0 mt.
5.	200-250 KVA	Height of the building + 3.5 mt.
6.	250-300 KVA	Height of the building + 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.

- 9 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.
- 10 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.
- 11 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.
- 12 The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural water course.
- 13 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.
- 14 The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
- 15 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.
- 16 The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
- 17 The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
- 18 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.
- 19 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.
- 20 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

Date: 15-07-2020

Environmental Engineer
For & on behalf of
(Punjab Pollution Control Board)



PUNJAB POLLUTION CONTROL BOARD

Website:- www.ppcb.gov.in

Date: 15-07-2020

Industry Registration ID: G20SAS240617

Registration No.: 13155735

To,
Rahul Verma
M/s Ramani Precision Machines Private Limited
House No. 3126 Sector 32 D
Chandigarh, Chandigarh-160032

Subject: **Auto granted Consent to Operate for setting up an industrial unit u/s 21 of Air (Prevention & Control of Pollution) Act, 1981.**

With reference to your application for obtaining 'Consent to Operate' for setting up of an industrial plant u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are, hereby, permitted to set up the 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.

1. Particulars of Consent to Operate/Air granted to the Industry

Certificate No	CTOA/Fresh/SAS/2020/13155735
Date of issue	15-07-2020
Date of expiry	15-07-2025
Certificate Type	Fresh
Previous CTE/CTO No. & Validity	----

2. Particulars Provided by the Industry

Name & Designation of the Occupier	Rahul Verma Director				
Address of Industrial premises	Plot No. 162 , Janta Industrial Estate , Sector 82 , Mohali				
Capital investment of the industry	988.69				
Category of Industry	GREEN				
Type of Industry	3999- Miscellaneous (Green)				
Scale of the Industry	Small				
Office District	Sas Nagar				
CTE/CTO-Applied for	CTO(Air)-Fresh				
Consent Fee Details	Payment Mode	Amount	Transaction ID	Date of transaction	Date of verification
	Credit/Debit card	1800.0	156821076	2020-07-15 16:18:28.893	-

"This is computer generated document from OCMMS by PPCB"

M/s Ramani Precision Machines Private Limited, Plot No. 162 , Janta Industrial Estate , Sector 82 , Mohali, 13155735, 15-07-2020, 15-07-2025,

Raw Materials	Raw material(s)		Quantity		Units			
	Aluminium Rods & Plates		2000		Kg/Year			
	Stainless Steel sheet , Flats & Rods		2000		Kg/Year			
	Brass & Gun Metal		1000		Kg/Year			
	Structural Steel such as angle iron , Griders, strips and Flatschannels		14000		Kg/Year			
	Alloys Steels, Flats, Rounds and other		12000		Kg/Year			
	Electric Controls PLC, S AC drives, Electronics Servo Motor controls power supply control		250		Nmber/Year			
	Hydraulics Pneumatics senors displays indicators Piping Fittings		1000		Nmber/Year			
	Mild Steel plates Flats rounds of various sizes		25000		Kg/Year			
	Bearing Seals, Couplings , Chains, Belts and other hardware items		4000		Nmber/Year			
Products	Product(s)(Name)		Installed Capacity		Units			
	Special Purpose Machines		150		Nmber/Year			
	Precise Machined Parts		100		Nmber/Year			
	Jigs and Fixtures		25		Nmber/Year			
Effluent and Disposal Details	Usage	Water consumpti on kl/day	Waste water generation	Treatment Details	Disposal	Area of Disposal		
	Domestic	5	4	NR	Sewer			
	Trade Effluent			NR	NR			
	Cooling			NR	NR			
Emission Control Details	Source s of emissio n	Fuel			Stack Height (In meters)		Contro l Equip ment	Emissi on Sampli ng facility provide d
	Boiler/ Furnac e	Type	Qty	Unit	Above Groun d Level	Above Roof Level	Y/NR	Y/NR

"This is computer generated document from OCMMS by PPCB"

DG Sets (Details)	Capacity of D.G. set(in KVA)	Quantity of Fuel used/to be used (in Lts./day)	Stack Height above ground level(meters))	Canopy/Acoustic Enclosure Provided Y/N(check)
	400	40	10	Y
62.5	10	3	Y	

A. SPECIAL CONDITIONS

- 1 This auto generated consent is based on the information / data submitted by the Industry. In case of any change of data or in case of any information submitted is found incorrect, this consent shall stand cancelled.
- 2 The inspection of industry shall be governed by the inspection policy framed by CPCB/PPCB/Govt. from time to time. In case of complaint, the industry can be visited by the Regional Office or any other officer authorized by the Competent Authority.
- 3 In case of industry is found to create conditions that generate any type of pollution and / or if there is any objection from the surrounding community and if on verification, it is found that such objection has some substance, the Board shall be at the liberty to take action against the Industry under the provisions of the Water (Prevention & Control of Pollution) Act,1974 and Air (Prevention & Control of Pollution) Act,1981 and / or Environment (Protection) Act,1986 as deemed fit.
- 4 This consent is issued on the basis of self calculation of consent fee made by the industry. In case, any difference in the consent fee deposited by the industry is found, the industry shall have to deposit the balance consent fee.
- 5 In case of change of data provided in this simplified form, the Industry shall inform the Board and shall get revised Consent. The Industry shall apply for obtaining Consent to Establish / Operate from the PPCB, in event of its graduation from Green to Orange/Red category Industry.

B. 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 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.
- 5 The industry shall put up display board indicating the Environment data in the prescribed format at the main entrance gate.
- 6 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**
- 7 The industry shall provide a minimum stack height of 9.0 meter above ground level in all cases where boiler /furnace are provided and solid/liquid/gaseous fuel is used. In other cases, where stacks are provided for process emissions, the minimum stack of 3 meters above roof level shall be provided.

"This is computer generated document from OCMMS by PPCB"

- 8 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.

Stack height for diesel generating sets:

S.NO.	Capacity of diesel generating set	Height of the Stack
1.	0-50 KVA	Height of the building + 1.5 mt
2.	50-100 KVA	Height of the building + 2.0 mt.
3.	100-150 KVA	Height of the building + 2.5 mt.
4.	150-200 KVA	Height of the building + 3.0 mt.
5.	200-250 KVA	Height of the building + 3.5 mt.
6.	250-300 KVA	Height of the building + 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.

- 9 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.
- 10 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.
- 11 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.
- 12 The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural water course.
- 13 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.
- 14 The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
- 15 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.
- 16 The industry shall provide proper and adequate air pollution control arrangements for control emission from its coal/fuel handling area, if applicable.
- 17 The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
- 18 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.
- 19 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.
- 20 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

Date: 15-07-2020

Environmental Engineer
For & on behalf of
(Punjab Pollution Control Board)