Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

Application for Consent/ Authorisation

Sir,
I/We hereby apply for*

1. Consent to Establish/Operate/Renewal of consent under section 25 and 26 of the Water (Prevention & Control of Pollution) Act, 1974 as amended.

2. Consent to Establish/Operate/Renewal of consent under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981, as amended.

3. Authorization/renewal of authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, in connection with my/our/existing/proposed/altered/ additional manufacturing/processing activity from the premises as per the details given below.

Consent Information

UAN No:	***Application Date:***	***Payment Received on:***	***Industry Name:***
MPCB-CONSENT-0000011021	Jul 30, 2016		VARRON INDUSTRIIES PVT. LTD.

Industry Information

Consent To:	***IIN No.:***	***Submit to:***	***Gross Capital in lakhs***
Renewal (Normal)		SRO - Ratnagiri	9530.49
Type of institution:	***Industry Type:***	***Category:***	***Scale:***
Industry	R50 Aluminium Smelter	Red	S.S.I
EC Reqd.	***EC Obtained***	***EC Ref. No.***	
No	No	-	
Whether construction-buildup area is more than 20,000 sq.mtr.(Existing Expansion Unit)		No	

General Information

1. Name, designation, office address with Telephone/Fax numbers, e-mail of the Applicant Occupier/Industry/Institution / Local Body.

Name
SHRI. SHRIKAANT PANDURANG SAWAIIKAR

Address
PLOT NO.B-33/1, MIDC, MIRJOLE, RATNAGIRI

Designation
CHIEF MANAGING DIRECTOR

Taluka
RATNAGIRI

Area
MIRJOLE MIDC

District
Ratnagiri

Telephone
9657709721

Fax
02352228373

Email
b33ratnagiri@varrongroup.com

Pan Number
AAACV5549C

2. (a) Name and location of the industrial unit/premises for which the application is made (Give revenue Survey Number/Plot number name of Taluka and District, also telephone and fax number)

Industry name
VARRON INDUSTRIIES PVT. LTD.

Location of Unit
PLOT NO. B-33/1,

Survey number/Plot Number
MIDC, MIRJOLE,

Taluka
RATNAGIRI

District
Ratnagiri

(b) Details of the planning permission obtained from the local body/Town and Country Planning authority/Metropolitan Development authority/ designated Authority.

Planning permission
MIDC

Planning Authority
MIDC

Name of the local body under whose jurisdiction the unit is located and Name of the licence issuing authority

Name of Local Body
MIRJOLE GRAMPANCHAYAT

Name of the licence issuing authority
MIDC

Sanction plan/ Approved layout Plan/Commencement Certificate

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3. Names,addresses with Telephone and Fax Number of Managing Director / Managing Partner and officer responsible for matters connected with pollution control and/or Hazardous waste disposal.

Name of Managing Director
MR. SHRIKAANT PANDURANG SAWAIIKAR

Telephone number
02352228373

Fax number
02352228029

Officer responsible for day to day business
MR. SANTOSH B. AGRE

4. (a.) Are you registered Industrial unit ?

Yes

Registration number
U27203PN1998PLC114669

Date of registration
Apr 29, 1998

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5. Gross capital investment of the unit without depreciation till the date of application (Cost of building, land, plant and machinery). (To be supported by an affidavit/undertaking on Rs.20/- stamp paper, annual report or certificate from a Chartered Accountant for proposed unit(s), give estimated figure)

Gross capital (in Lakh)	**** Verified***	**** Terms***	**** Consent Fee***
9530.49	CA Certificate	1	125000.00

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6. If the site is located near sea-shore/river bank/other water bodies/Highway, Indicate the crow fly distance and the name of the water body, if any.

Distance From	***Distance(Km)***	**** Name***
SH/NH	1.00	Ratnagiri-Hatkhanba Road
River	10.00	
Human Habitation	0.50	MIDC
Religious Place	22.00	
Historical Place	10.00	
Creek/Sea	10.00	

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7. Does the location satisfy the Requirements Under relevant Central/State Govt. Notification such as Coastal Regulation Zone. Notification on Ecologically Fragile Area, Industrial Location policy, etc. If so, give details.

Location	***Approved Industry Area***	***Sensitive Area***	***If Yes, Name Of Area***	***Industry Location with Reference to CRZ***
	Yes	No	NA	

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8. If the site is situated in notified industrial estate,

Details

(a) Whether effluent collection, treatment and disposal system has been provided by the authority.	No	NA
(b) Will the applicant utilize the system, if provided.	Yes	
(c) If not provided, details of proposed arrangement.		

9.

(a) Total plot area (in squear meter)	***(b) Built up area and (in squear meter)***	***(c) Area available for the use of treated sewage/ trade effluent for gardening/irrigation. (in squear meter)***
15157	7205	

10. Month and year of commissioning of the Unit.

31-Dec-1998

11. Number of workers and office staff

Workers	***staff***	***Hrs. of shift***	***Weekly off***
154	25	8	MONDAY

12.

(a) Do you have a residential colony Within the premises in respect of Which the present application is Made ?	No	NA

(b) If yes, please state population staying

Number of person staying	***Water consumption***	***Sewage generation***	***Whether is STP provided?***
	0	0	No

(c) Indicate its location and distance with reference to plant site.

Number of person staying	***Water consumption***
NA	0

13. List of products and by-products Manufactured in tonnes/month, Kl/month or numbers/month with their types i.e.Dyes, drugs etc. (Give figures corresponding to maximum installed production capacity

Products Name and Quantity

Product Name	***UOM***	***Product Name***	***Existing***	***Consented***	***Proposed Revision***	***Total***	***Remarks***
Aluminium Smelter	MT/M	ALLUMINIUM INGOTS	800	0	0	0	NO

Products Name and Quantity

Product Name	***UOM***	***Quantity***	***Remarks***
DROSS	MT/M	280	NO
MFG WASTE	MT/M	140	NO

14. List of raw materials and process chemicals with annual consumption corresponding to above stated production figures, in tonnes/month or kl/month or numbers/month.

Name of Raw Material	***UOM***	***Quantity***	***Hazardous Waste***	***Hazardous Chemicals***	***Remarks***
ALLUMINIUMM SCRAP	MT/M	1200	No	No	NO
SILICON	MT/M	24	No	No	NO

15. Description of process of manufacture for each of the products showing input, output, quality and quantity of solid, liquid and gaseous wastes, if any from each unit process.

Part B : Waste Water aspects

16. Water consumption for different uses (m3/day)

Purpose	Consumption	Effluent Generation	Treatment	Remarks	Disposal	Remarks
Domestic Pourpose	4	4	Septic Tank & Soak Pit	NO	On Land for Gardening	NO
Water gets Polluted & Pollutants are Biodegradable	0	0	--NA--		--NA--	NO
Water gets Polluted,Pollutants are not Biodegradable & Toxic	0	0	--NA--		--NA--	
Industrial Cooling,spraying in mine pits or boiler feed	4.5	4.5	Primary		On Land for Gardening	
Others	7.5					

17. Source of water supply, Name of authority granting permission if applicable and quantity permitted.

Source of water supply	Name of authority granting permission	Qauntity permitted
MIDC	MSEB	16

18. Quantity of waste water (effluent) generated (m3/day)

Domastic	Boiler Blowdown	Industrial	Cooling water blowdown
4	0	0	4.5
Process	**DM Plants/Softening**	**Washing**	**Tail race discharge from**
0	0	7.5	0

* 19. Water budget calculations accounting for difference between water consumption and effluent generated.

8.5

20. Present treatment of sewage/canteen effluent (Give sizes/capacities of treatment units).

Capacity of STP (m3/day)

0

Treatment unit	Size (mxm)	Retention time (hr)
NA	0	0

21. Present treatment of trade effluent (Give sizes/capacities of treatment units) (A schematic diagram of the treatment scheme with inlet/outlet characteristics of each unit operation/process is to be provided. Include details of residue Management system (ETP sludges)

Capacity of ETP (m3/day)

0

Treatment unit	Size (mxm)	Retention time (hr)
NA	0	0

22.

(i) Are sewage and trade effluents mixed together?	No
If yes, state at which stage-Whether before, intermittently or after treatment.	

23. Capacity of treated effluent sump, Guard Pond if any.

Capacity of treated effluent sump (m3)	NA	
If yes, state at which stage-Whether before, intermittently or after treatment.	No	NA
If yes, state at which stage-Whether before, intermittently or after treatment.	No	NA

24. Mode of disposal of treated effluent With respective quantity, m3/day

(i) into stream/river (name of river)	0	***(ii) into creek/estuary (name of Creek/estuary)***	0
(iii) into sea	0	***(iv) into drain/sewer (owner of sewer)***	0
(v) On land for irrigation on owned land/ase land. Specify cropped area.	12	***(vi) Quantity of treated effluent reused/ recycled, m3/day Provide a location map of disposal arrangement indicating the outler(s) for sampling. Treated effluent reused / recycled (m3/day)***	0
Mode of disposal types	Recycle	***Mode of disposal types other (if any)***	

25. (a) Quality of untreated/treated effluents (Specify pH and concentration of SS, BOD,COD and specific pollutants relevant to the industry. TDS to be reported for disposal on land or into stream/river.

Untreated Effluent

pH	NA
SS (mg/l)	NA
BOD (mg/l)	Na
COD (mg/l)	NA
TDS (mg/l)	NA

Specific pollutant if any	***Name***	***Value***
1	NA	

Treated Effluent

pH	7
SS (mg/l)	33
BOD (mg/l)	30
COD (mg/l)	89
TDS (mg/l)	30

Specific pollutant if any	***Name***	***Value***
1	NA	

(b) Enclose a copy of the latest report of analysis from the laboratory approved by State Board/ Committee/Central Board/Central Government in the Ministry of Environment expected characteristics of the untreated/treated effluent

26. Fuel consumption

Fuel Type	***UOM***	***Fuel Consumption TPD/LKD***	***Calorific value***
Furnace Oil	Ltr/Hr	492	10000
Ash content	***Sulphur content***	***Quantity***	***Other (specify)***
0.1	3.5	1	NA

27. (a) Details of stack (process & fuel stacks: D. G.)

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
STACK NO.1	SKELNER 1 & 2	324	FURNACE OIL
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
282	M.S.	SQUARE	32
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
1200 / 3000	800	200-250	10
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
WET SCRUBBER SYSTEM	NOX, SOX, TPM	WET SCRUBBER SYSTEM	625

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
STACK NO.2	ROTARY 2	42	FURNACE OIL
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
42	M.S.	ROUND	32
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
600-1000	600	240	11
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
WET SCRUBBER SYSTEM	NOX, SOX, TPM	WET SCRUBBER SYSTEM	0

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
STACK NO.3	ROTARY 3 & 4	42	FURNACE OIL
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
84	M.S.	ROUND	32
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***
600-1000	600	240	11
(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
WET SCRUBBER SYSTEM	Nox,Sox, TPM	WET SCRUBBER SYSTEM	0

(a) Stack number(s)	***(b) Stack attached to***	***(c) Capacity***	***(d) Fuel Type***
STACK NO.4	ROTARY 5 & 6	42	FURNACE OIL
(e) Fuel quantiy (Kg/hr.)	***(f) Material of construction***	***(g) Shape (round/rectangular)***	***(h) Height, m (above ground level)***
84	M.S.	ROUND	32
(i) Diameter/Size, in meters	***(j) Gas quantity, Nm3/hr.***	***(k) Gas temperature °C***	***(l) Exit gas velocity, m/sec.***

600-100	600	240	11

(m) Control equipment preceding the stack	***(n) Nature of pollutants likely to present in stack gases such as Cl2, Nox, Sox TPM etc.***	***(o) Emissions control system provided***	***(p) In case of D.G. Set power generation capacity in KVA***
WET SCRUBBER SYSTEM	Nox,Sox, TPM	WET SCRUBBER SYSTEM	0

27. (B) Whether any release of odoriferous compounds such as Mercaptans, Phorate etc. Are coming out from any storages or process house.

NA

28. Do you have adequate facility for collection of samples of emissions in the form of port holes, platform, ladder\etc. As per Central Board Publication “Emission regulations Part-III” (December, 1985)

Poart hole	Yes	***Details***	FROM ALL STACKS-ON MONTHLY BASIS.
Platform	Yes	***Details***	FROM ALL STACKS-ON MONTHLY BASIS.
Ladder	Yes	***Details***	FROM ALL STACKS-ON MONTHLY BASIS.

29. Quality of treated flue gas emissions and process emissions. Quantity of treated flue gas emissions and process emissions.

Sr. No.	***Stack attached to***	***Parameter***	***Concentration mg/Nm3***	***flow (Nm3/hr)***
1	NA	NA	0	0

(Specify concentration of criteria pollutants and industry/process-specific pollutants stack-wise. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/ Central Government in the Ministry of Environment & Forests. For proposed unit furnish expected characteristics of the emissions..

Part - D: Hazardous Waste aspect

30. Information about Hazardous Waste Management as defined in Hazardous Waste (Management & Handling) Rules, 1989 as amended in Jan.,2000. Type/Category of Waste as per

Waste (Annually) Schedule I

Cat No	***Type***	***Qty***	***UOM***
NA		0	--NA--

Min	***Max***	***Method of collection***	***Method of reception***
		NA	NA

Method of storage	***Method of transport***	***Method of treatment***	***Method of disposal***
NA	NA	NA	NA

Waste (Annually) Schedule II

31. Details about use of hazardous waste

Name of hazardous waste/Spent chemical	***Quantity used/month***	***Unit***	***Party from whom purchased***	***Party to whom sold***
NA	0		NA	NA

32.

a. Details about technical capability and equipments available with the applicant to handle the Hazardous Waste

NA

b. Characteristics of hazardous waste(s) Specify concentration of relevant pollutants. Enclose a copy of the latest report of analysis from the laboratory approved by State Board/Central Board/Central Govt. in the ministry of Environment & Forests. For proposed units furnish expected characteristics

NA

33.

Copy of format of manifest/record Keeping practiced by the applicant.

NA

34.

Details of self-monitoring (source and environment system)

NA

35.

Are you using any imported hazardous waste. If yes, give details.

NA

36.

Copy of actual user Registration/certificate obtained from State Pollution Control Board/Ministry of Environment & Forests, Government of India, for use of hazardous waste.

NA

37.

Present treatment of hazardous waste, if any (give type and capacity of treatment units)

NA

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38. Quantity of hazardous waste disposal

(i) Within factory

0

(ii) Outside the factory (specify location and enclose copies of agreement.)

0

(iii) Through sale (enclosed documentary proof and copies of agreement.)

0

(iv) Outside state/Union Territory, if yes particulars of (1 & 3) above.

0

(v) Other (Specify)

0

Part - E: Additional information

39.

a. Do you have any proposals to upgrade the present system for treatment and disposal of effluent/emissions and/or hazardous waste.

NO

b. If yes, give the details with time- schedule for the implementation and approximate expenditure to be incurred on it.

NA

40.

Capital and recurring (O & M) expenditure on various aspect of environment protection such as effluent, emission, hazardous waste, solid waste, tree- plantation, monitoring, data acquisition etc. (give figures separately for items implemented/to be implemented).

5.15 LACS - Tree Plantation, Maintenance, Analysing of Ambient Air, Stack Monitoring and Water Anal

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41.

To which of the pollution control equipment, separate meters for recording consumption of electric energy are installed ?

NO

42.

Which of the pollution control items are connected to D.G. Set (captive power source) to ensure their running in the event of normal power failure

DIESEL OIL TANK

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43. Nature, quantity and method of disposal of non- hazardous solid waste generated separately from the process of manufacture and waste treatment. (Give details of area/capacity available in applicant's land)

Type	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*
DROSS	280	MT/M	DIRECT SALE TO AUTHORISED SCRAP HOLDER	DIRECT SALE TO AUTHORISED SCRAP HOLDER	SALE TO SHAH / NIDA TRADERS.
M.S./IRONING SCRAP	140	MT/M	DIRECT SALE TO AUTHORISED SCRAP HOLDER	DIRECT SALE TO AUTHORISED SCRAP HOLDER	SALE TO SHAH / NIDA TRADERS.

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44. Hazardous Chemicals – Give details of Chemicals and quantities handled and Stored.

(i) Is the unit a Majot Accident Hazard unit as per Mfg.Storage Import Hazardous Chemicals Rules ?

NA

(ii) Is the unit an isolated storage as defined under the MSIHC Rules ?

NA

(iii) Indicate status of compliance of Rules 5,7,10,11,12,13 and 18 of the MSIHC Rules.

NA

(iv) Has approval of site been obtained from the concerned authority?

NA

(v) Has the unit prepared an off-site Emergency Plan? Is it updated ?

YES

(vi) Has information on imports of Chemicals been provided to the concerned authority?

NA

(vii) Does the unit possess a policy under the PLI Act?

NA

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45. Brief details of tree plantation/green belt development within applicant's premises (in hectors)

Open Space Availability	*Plantation Done On*	*Number of Trees Planted*
7905 Square meter	4000 Square meter(51 %)	1000

46.

Information of schemes for waste Minimization, resource recovery and recycling - implemented and to be implemented, separately.

NO

47.

(a) The applicant shall indicate whether Industry comes under Public Hearing, if so, the relevant documents such as EIA, EMP, Risk Analysis etc. shall be submitted, if so, the relevant documents enclosed shall be indicated accordingly.

(b) Any other additional information that the applicants desires to give

NO

(c) Whether Environmental Statement submitted ? If submitted, give date of submission.

YES 31/12/2016

48.

I/We further declare that the information furnished above is correct to the best of my/our knowledge.

49.

I/We hereby submit that in case of any change from what is stated in this application in respect of raw materials, products, process of manufacture and
treatment and/or disposal of effluent, emission, hazardous wastes etc. In quality and quantity; a fresh application for Consent/Authorization shall be made and
until the grant of fresh Consent/Authorization no change shall be made.

50.

I/We undertake to furnish any other information within one month of its being called by the Board

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51.

I/We enclosed here with a demand draft for Rs
Drawn in favour of Maharashtra Pollution Control Board as the fee for Consent/authorisation for a period upto

Yours faithfully

Signature :
Name : SANTOSH B AGRE
Designation : HR MANAGER

Additional Information

Air Pollution

Sr No.	*Air Pollution Source*	*Pollutants*	*APCS Provided*	*Remark*
1	Stack	TPM	Yes	NO

Separate EM Provided	No	***Other Emission Sources***	DG
Measures Proposed	MONTHLY ANALYSIS OF SPM/NOX/SO2	***Foul Smell Coming Out***	No
Air Sampling Facility Details	LADDERS/SAMPLING POINT/POTHOLES PROVIDED TO EACH STACK		

D.G. Set Details

Description	*Capacity(KVA)*	*Remarks*
Kala Genset Pvt Ltd - Kirloskar 625 KVA	625	Engine - DV12 SR1 - 552 KW

Hazardous Waste Generation

Hazardous Waste	*Quantity*	*UOM*	*Treatment*	*Disposal*	*Other Details*

CHWTSDF Details

Member of CHWTSDF	*CHWTSDF Name*	*Remarks*

Cess Details

Cess Applicable	Cess Paid	If Yes, UpTo
No	No	Jan 1 1900 12:00:00:000AM

Legal Actions

Legal Action Taken	Legal Record Of Company	Legal Action Details	Remarks
No			

Bank Details

Bank Name	DD No.	DD Date	DD Amount	Remarks

Bank Gurantee Details

BG Details	Bg Amount	Bg Bg Validity