



PUNJAB POLLUTION CONTROL BOARD
REGIONAL OFFICE, E18-A, FOCAL POINT, HOSHIARPUR
Website:- www.ppcb.gov.in

Office Dispatch No :

4733

Registered/Speed Post

Date:

28-8-2018

Industry Registration ID: 017HSP6136735

Application No : 8232072

To,

AJAY PAL
VILL DHULAL
PARTNER, HOSHIARPUR-144211

Subject: Renewal of 'Consent to Operate' an outlet u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for discharge of effluent.

With reference to your application for obtaining Renewal of 'Consent to Operate' an outlet for discharge of the effluent u/s 25/26 of Water (Prevention & Control of Pollution) Act, 1974, you are, hereby, authorized to operate an industrial unit for discharge of the effluent(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Water Act, 1974 granted to the industry

Consent to Operate Certificate No.	CTOW/Renewal/HSP/2018/8232072
Date of issue :	16/08/2018
Date of expiry :	30/09/2021
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOW/Fresh/HSP/2018/7148412 From: 28/02/2018 To: 27/08/2018

2. Particulars of the Industry

Name & Designation of the Applicant	SATNAM SINGH, (PARTNER)
Address of Industrial premises	Malwa concrete plant, Vill, dhulal, Mukerian, Hoshiarpur-144211
Capital Investment of the Industry	68.76 lakhs
Category of Industry	Orange
Type of Industry	Other
Scale of the Industry	Small
Office District	Hoshiarpur
Consent Fee Details	Rs. 15000/- vide receipt no. 70/4541 dated 27.02.2018 as Water Consent fee, Rs. 15000/- vide receipt no. 69-4541 dated 27.02.2018 as air Consent fee, Rs. 500/- vide receipt no. 68/4541 dated 27.02.2018 as an application form fee.
Raw Materials (Name with quantity per day)	RAW STONE @ 7000 CFT/day
Products (Name with quantity per day)	BAJRI, SAND, GATKA, ROARI, VAPASI @ 7000 CFT/day
By-Products, if any, (Name with quantity per day)	NIL

For MALWA CONCRETE PLANT
Gunder Singh
Partner



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Harmarjeet Bedi Notary
Pathankot Mob 94630-29399

Details of the machinery and processes	01 jaw crusher, 02 rotapactors, 02 vibrators-cum-screener and one DG Set of capacity 380 KVA with canopy
Details of the Effluent Treatment Plant	Domestic Effluent @0.5 KLD Any Other @40.0 KLD
Mode of Disposal	Onto land for plantation after septic tank 100% RE-CIRCULATION
Standards to be achieved under Water(Prevention & Control of Pollution) Act, 1974	AS PRESCRIBED BY THE BOARD

(Signature)

17/08/2018

(Ashok Kumar 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 Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office, Jalandhar.

(Signature)

17-08-2018

(Ashok Kumar Garg)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



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Harmanjeet Bedi Notary
Pathankot Mob 94630-29399

For MALWA CONCRETE PLANT
Gurdeep Singh
Partner

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Malwa concrete plant, Vill. Jhulal, Mukerian, Jhoshuapur, 144211

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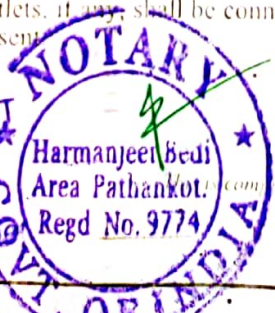
TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Limited or for getting loan from the financial institutions.
2. The industry shall apply for renewal/further extension in validity of consent atleast two months before expiry of the consent.
3. The industry shall ensure that the effluent discharging through the authorized outlet shall confirm to the prescribed standards as applicable from time to time.
4. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.
5. The achievement of the adequacy and efficiency of the effluent treatment plant/pollution control devices/recirculation system installed shall be the entire responsibility of the industry.
6. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Wastes(Management, Handling and Trans boundary Movement) Rules, 2008 as amended time to time, without any adverse effect on the environment, in any manner
7. The responsibility to monitor the effluent discharged from the authorized outlet and to maintain a record of the same rests with the industry. The Board shall only test check the accuracy of these reports for which the industry shall deposit the samples collection and testing fee with the Board as and when required.
8. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year.
9. The industry shall submit a yearly certificate to the effect that no addition/up-gradation/ modification/modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
10. During the period beginning from the date of issuance and the date of expiration of this consent, the applicant shall not discharge floating solids or visible foam.
11. Any amendments/revisions made by the Board in the tolerance limits for discharges shall be applicable to the industry from the date of such amendments/revisions.
12. The industry shall not change or alter the manufacturing process(es) so as to change the quality and/or quantity of the effluents generated without the written permission of the Board.
13. Any upset conditions in the plant/plants of the factory, which is likely to result in increased effluent and/or result in violation of the standards lay down by the Board shall be reported to the Environmental Engineer, Punjab Pollution Control Board of concerned Regional Office immediately failing which any stoppage and upset conditions that come to the notice of the Board/its officers, will be deemed to be intentional violation of the conditions of consent.
14. The industry shall provide terminal manhole(s) at the end of each collection system and a manhole upstream of final outlet (s) out of the premises of the industry for measurement of flow and for taking samples.
15. The industry shall for the purpose of measuring and recording the quantity of water consumed and effluent discharged, affix meters of such standards and at such places as approved by the Environmental Engineer, Punjab Pollution Control Board of the concerned Regional Office.
16. The industry shall maintain record regarding the operation of effluent treatment plant i.e. record of quantity of chemicals and energy utilized for treatment and sludge generated from treatment so as to satisfy the Board regarding regular and proper operation of pollution control equipment.
17. The industry shall provide online monitoring equipment's for the parameters as decided by concerned Regional Office with the effluent treatment plant/air pollution control devices installed, if applicable.
18. The pollution control devices shall be interlocked with the manufacturing process of the industry.
19. The authorized outlet and mode of disposal shall not be changed without the prior written permission of the Board.
20. The industry shall comply with the conditions imposed by the SEIAA / MOEF in the environmental clearance granted to it as required under EIA notification dated 14/9/06, if applicable.
21. The industry shall obtain and submit Insurance cover as required under the Public Liability Insurance Act, 1991.
22. The industry shall not use any unauthorized out-let(s) for discharging effluents from its premises. All unauthorized outlets, if any, shall be connected to the authorized outlet within one month from the date of issue of this consent.

of MALWA CONCRETE PLANT

Gurdeep Singh
Partner



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23. The industry shall make necessary arrangements for the monitoring of effluent being discharged by the industry and shall monitor its effluents:-
 - (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.
24. The industry shall provide electromagnetic flow meters at the source of water supply, at inlet/outlet of effluent treatment plant within one month and shall maintain the record of the daily reading and submit the same to the concerned Regional Office by the 5th of the following month.
25. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Water (Prevention & Control of Pollution) Act, 1974 as amended from time to time.
26. 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.
27. The consent does not authorize or approve the construction of any physical structures or facilities for undertaking of any work in any natural watercourse.
28. Nothing in this consent 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.
29. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of septic tank.
30. 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.
31. The industry shall ensure that no water pollution problem is created in the area due to discharge of effluents from its industrial premises.
32. 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.
33. 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 to prevent any pollutants from such materials from entering into natural water.
34. The industry shall re-circulate the entire cooling water and shall also re-circulate/reuse to the maximum extent the treated effluent in processes.
35. The industry shall make necessary and adequate arrangements to hold back the effluent in case of failure of re-circulation system/ effluent treatment plant.
36. The industry shall make proper disposal of the effluent so as to ensure that no stagnation occurs inside and outside the industrial premises during rainy season and no demand period.
37. Where excessive storm water 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.
38. The industry shall submit a detailed plan showing therein the distribution system for conveying waste-water for application on land for irrigation along with the crop pattern for the year.
39. The industry shall ensure that the effluent discharged by it is toxicity free.
40. The industry shall not irrigate the vegetable crops with the treated effluents which are used/ consumed as raw.
41. Drains causing oil & grease contamination shall will be segregated. Oil & grease trap shall be provided to recover oil & grease from the effluent.



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For MALWA CONCRETE PLANT
Gurdev Singh
Partner

Malwa concrete plant, Vill. dhulal, Muk. Ch. Harsha, Regd. 144211

42. 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, and the monitoring shall be submitted to the Environmental Engineer of the concerned Regional Office by the 5th of every month.
43. The industry shall ensure that its production capacity & quantity of trade effluent do not exceed the quantity mentioned in the consent and shall not carry out any expansion without the prior permission/NOC of the Board.

B. SPECIAL CONDITIONS

1. The industry shall get itself registered with the concerned General Manager Cum Mining Officer as enshrined in the State Govt. Policy dated 11.09.2012.
2. The path between the crusher and the metaled road should be brick paved with the bricks or clay pavers or C.C pavers of sufficiently high compressive strength so as to ensure that dust / noise pollution is within prescribed norms.



17/08/2018

(Ashok Kumar Garg)
Environmental Engineer

For & on behalf
of

(Punjab Pollution Control Board)



For MALWA CONCRETE PLANT

Gurdev Singh
Partner

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Harmanjeet Bedi, Notary
Pathankot Mob 94630-29399



PUNJAB POLLUTION CONTROL BOARD
REGIONAL OFFICE, E18-A, FOCAL POINT, HOSHIARPUR
Website:- www.ppcb.gov.in

Office Dispatch No :

4735

Registered/Speed Post

Date:

28-8-2018

Industry Registration ID:

017HSP6136735

Application No : 8232054

To,

SATNAM SINGH
VILL DHULAL
PARTNER, HOSHIARPUR-144211

Subject: Renewal of 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981 for discharge of emissions arising out of premises.

With reference to your application for obtaining Renewal of 'Consent to Operate' u/s 21 of Air (Prevention & Control of Pollution) Act, 1981, you are hereby, authorized to operate an industrial unit for discharge of the emission(s) arising out of your premises subject to the Terms and Conditions as mentioned in this Certificate.

1. Particulars of Consent to Operate under Air Act, 1981 granted to the industry

Consent to Operate Certificate No.	CTOA/Renewal/HSP/2018/8232054
Date of issue :	20/08/2018
Date of expiry :	30/09/2021
Certificate Type :	Renewal
Previous CTO No. & Validity :	CTOA/Fresh/HSP/2018/7148394 From: 28/02/2018 To: 27/08/2018

2. Particulars of the Industry

Name & Designation of the Applicant	SATNAM SINGH, (PARTNER)
Address of Industrial premises	Malwa concrete plant, Vill. dhulal, Mukerian, Hoshiarpur-144211
Capital Investment of the Industry	68.76 lakhs
Category of Industry	Orange
Type of Industry	Other
Scale of the Industry	Small
Office District	Hoshiarpur
Consent Fee Details	Rs. 15000/- vide receipt no. 70/4541 dated 27.02.2018 as Water Consent fee, Rs. 15000/- vide receipt no. 69/4541 dated 27.02.2018 as air Consent fee, Rs. 500/- vide receipt no. 68/4541 dated 27.02.2018 as an application form fee.
Raw Materials (Name with Quantity per day)	RAW STONE @7000CFT/day
Products (Name with Quantity per day)	BAJRI, SAND, GATKA, ROARI, VAPASI @7000CFT/day

For MALWA CONCRETE PLANT

Gurdev Singh
Partner

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By-products, if any, (Name with Quantity per day)	nil
Details of the machinery and process	01 jaw crusher, 02 rotapactors, 02 vibrators-cum-screener and one DG Set of capacity 380 KVA with canopy
Quantity of fuel required (in TPD) and capacity of boilers/ Furnace/Thermo heater etc.	NOT REQUIRED
Type of Air Pollution Control Devices to be installed	NOT APPLICABLE
Stack height provided with each boiler/thermo heater/Furnace etc.	NOT APPLICABLE
Sources of emissions and type of pollutants	NOT APPLICABLE
Standards to be achieved under Air(Prevention & Control of Pollution) Act, 1981	AS PRESCRIBED BY THE BOARD

(Signature)

20/08/2018

(Ashok Kumar 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 Senior Environmental Engineer, Punjab Pollution Control Board, Zonal Office, Jalandhar.

(Signature)

20/08/2018

(Ashok Kumar Garg)
Environmental Engineer

For & on behalf

of

(Punjab Pollution Control Board)



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Harmanjeet Bedi Notary
Pathankot Mob. 94630-29399

For MALWA CONCRETE PLANT
(Signature)
Partner

TERMS AND CONDITIONS

A. GENERAL CONDITIONS

1. This consent is not valid for getting power load from the Punjab State Power Corporation Ltd. or for getting loan from the financial institutions.
2. The industry shall apply for renewal /extension of consent at least two months before expiry of the consent.
3. The industry shall not violate any of the norms prescribed under the Air (Prevention & Control of Pollution) Act, 1981, failing which, the consent shall be cancelled / revoked.
4. The achievement of adequacy and efficiency of the air pollution control devices installed shall be the entire responsibility of the industry
5. The authorized fuel being used shall not be changed without the prior written permission of the Board.
6. The industry shall not discharge any fugitive emissions. All gases shall be emitted through a stack of suitable height, as per the norms fixed by the Board from time to time.
7. 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 (D_e) shall be calculated from the following equation to determine upstream, downstream distance:-

$$D_e = 2 LW / (L+W)$$

Where L= length in mts. W= Width in mts.

- ii) The sampling port shall be 7 to 10 cm in diameter
8. The industry shall put display Board indicating environmental data in the prescribed format at the main entrance gate.
 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 $H = 14 Q_g^{0.3}$ or $H = 74 (Q_p)^{0.24}$ Where Q_g = Quantity of SO ₂ in Kg/hr. Q_p = 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 engines.



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Capacity of diesel generating set	Height of the building	Height of the Stack
0-50 KVA		+ 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 pollution control devices shall be interlocked with the manufacturing process of the industry to ensure its regular operation.
11. The existing pollution control equipment shall be altered or replaced in accordance with the directions of the Board, and no pollution control equipment or chimney shall be altered or as the case may be erected or re-erected except with the prior approval of the Board.
12. The industry will provide canopy and adequate stack with the D.G sets so as to comply with the provision of notification No GSR-371 E dated 17-5-2002(amended from time to time) issued by MOEF under Environment (Protection) Act, 1986.
13. The Govt. of Punjab, Department of Science, Technology & Environment vide its notification no.4/46/92-3ST/2839 dt. 29/12/1993 has put prohibition on the use of rice husk as fuel after 1.4.1995 except the following:-
"In the form of briquettes and use of rice husk in fluidized bed combustion. So the industry shall make the necessary arrangement to comply with the above notification."
14. The industry shall submit balance sheet of every financial year to the concerned Regional Office by 30th June of every year
15. That the industry shall submit a yearly certificate to the effect that no addition / up-gradation/ modification/ modernization has been carried out during the previous year otherwise the industry shall apply for the varied consent.
16.
 - a) The industry shall ensure that at any time the emission do not exceed the prescribed emissions standards laid down by the Board from time to time for such type of industry /emissions.
 - b) The industry shall ensure that the emissions from each stack shall conform to the following emission standards laid down by the Board in respect of the Industrial Boilers.

Steam Generating capacity A.	Required particulate matter B.	
Area upto 5 Km from Other than 'A' class Other than the periphery of I and Class-II town		
Less than 2 ton/hr.	800 mg/NM3	1200 mg/NM3
2 ton to 10 ton/hr.	500 mg/NM3	1000 mg/NM3
Above 10 ton to 15 ton/hr	350 mg/NM3	500 mg/NM3
Above 15 ton/hr	150 mg/NM3	150 mg/NM3

All emissions normalized to 12% carbon dioxide.

17. The industry shall ensure that the Hazardous Wastes generated from the premises are handled as per the provisions of the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, without any adverse effect on the environment, in any manner.
18. The air pollution control equipments shall be kept in good running condition and;

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For MALWA CONCRETE PLANT
Gurdev Singh
Partner



Malwa concrete plant, Vill. dhulal, Mukerian, Hoshiarpur, 144211
Page 4

(i) All failures of control equipments.

(ii) The emissions of any air pollutant into the atmosphere in excess of the standards lay down by the Board occurring or being apprehended to occur due to accident or other unforeseen act or event. 'Shall be intimated through fax to the concerned Regional Office as well as to the Director of Factories, Punjab, Chandigarh as required under rule 10 of the Punjab State Board for the Prevention and Control of Air Pollution Rules, 1983'.

19. The industry shall plant minimum of three suitable varieties of trees at the density of not less than 1000 trees per hectare all along the boundary of the industrial premises.

20. The industry shall submit a site emergency plan approved by the Chief Inspector of Factories, Punjab as applicable.

21. The industry shall comply with the conditions imposed by the SEIAA/MOEF in the Environmental Clearance granted to it as required under EIA notification dated 14/9/06, if applicable.

22. 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.

23. 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.

24. The industry will install the separate energy meter for running pollution control devices and shall maintain record with respect to operation of air pollution control device so as to satisfy the Board regarding the regular operation of air pollution control device and monthly reading / record may be sent to the Board by the fifth of the following month.

25. The industry shall provide online monitoring system as applicable, for in stack emission and shall maintain the record of the same for inspection of the Board Officers.

26. The Board reserves the right to revoke the consent granted to the industry at any time, in case the industry is found violating the provisions of Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.

27. The industry shall comply with any other conditions laid down or directions issued in due course by the Board under the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

28. Nothing in this consent 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 to under this or any other Act.

29. Any amendments/revisions made by the Board/CPCB/MOEF in the emission/stack height standards shall be applicable to the industry from the date of such amendments/revisions.

30. The industry shall dispose off its solid waste generated by the burning of fuel in an Environmentally Sound Manner within the premises/outside as approved by the Board, to avoid public nuisance and air pollution problem in the area.

31. The industry shall ensure that no air pollution problem or public nuisance is created in the area due to the discharge of emissions from the industry.

32. The industry shall provide adequate arrangement for fighting the accidental leakage/discharge of any air pollutant/gas/ liquids from the vessels, mechanical equipment's etc, which are likely to cause environmental pollution.

33. The industry shall not change or alter the manufacturing process(es) and fuel so as to change the quality/quantity of emissions generated without the prior permission of the Board.

34. 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.

35. The industry shall obtain and submit Insurance cover under the Public Liability Insurance Act, 1991.

36. The industry shall provide proper and adequate air pollution control arrangements in control area around its fuel handling area, if applicable.



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Pathankot Mob 9463029399

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For MALWA CONCRETE PLANT
Gurinder Singh
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37. 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.
38. The industry shall not cause any nuisance/traffic hazard in vicinity of the area
39. The industry shall ensure that the noise & air emission from D.G. sets do not exceed the standards prescribed for D.G. sets by the Ministry of Environment & Forests, New Delhi.
40. The industry shall ensure that there will not be significant visible dust emissions beyond the property line
41. 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.
42. The Industry shall ensure that its production capacity does not exceed the capacity mentioned in the consent and shall not carry out any expansion without the prior permission / NOC of the Board.

B. SPECIAL CONDITIONS



For MALWA CONCRETE PLANT
Gurdev Singh
Partner

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Pathankot Mob 94630-29399

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Page 6

1. The industry shall get itself registered with the concerned General Manager Cum Mining Officer as enshrined in the State Govt. Policy dated 11.09.2012.
2. The industry shall not installed any fresh water supply source without prior permission of the Central Ground Water Board.
3. The path between the crusher and the metaled road should be brick paved with the bricks or clay pavers or C.C pavers of sufficiently high compressive strength so as to ensure that dust / noise pollution is within prescribed norms.
4. The industry shall comply with the sitting guidelines and shall take the following additional measure to suppress the dust as prescribed in the code of practice notified vide Govt. of Punjab Department of Science Technology and Environment, Chandigarh notification dated 17-3-98 and further modified vide no. 3/7/96-STE(4)/523 dated 1-2-2006 for stone crushing units using wet raw material and having washing facilities at screener/classifier as under :-
 - i) The dust emitting points namely jaw/roller crushers should be properly closed/covered.
 - ii) Conveyor belts should be of good quality preferably thick sheet of rubber material to avoid any kind of spillage of material carried by these belts and consequently reducing air pollution.
 - iii) Regular water spray should be carried out at jaw crushers and roller crushers.
 - iv) Ends of conveyor belts should be provided with conventional type chute made of rubber sheet / flapper of minimum 5 ft. height supported by mild steel angles.
 - v) Water spray should be done on the boundary wall at main entrance. Stone crushers should also provide proper water sprinkling system on the berms of ramp and approach road to ensure that these are in wet condition during the operation hours.
 - vi) All the approach road and ramps should be 30 cm. thick with washed river bed material of size 10-53 mm. duly compacted with any mechanical means such as road roller in conformance to IS: 6579-1981.
 - vii) A green belt consisting of three rows of trees (out of which one row of tall leaved trees and two rows of medium leaved dense trees) should be provided along the periphery. In case of cluster of stone crushing units, a common green belt may be provided along the periphery of the cluster.
 - viii) The stone crushing units should make following provisions for the management of waste water:-
 - a) The stone crushing units shall provide settling tank (s) for waste water of adequate capacity, designed by taking surface loading rate of 25m³ /day/m² and length to width ratio of 3:1 and clear water depth as 3 m excluding 0.3 m free board and 0.5 m depth for accumulation/storage of solids. The treated effluent shall be re-circulated and not to be discharged into inland surface water.
 - b) The unit shall ensure that the settling tank(s) is/are cleaned regularly to maintain minimum clear water depth of 3 m.
 - c) For measuring the discharge of waste water, the stone crushing units shall provide 900 V-notch at the outlet of settling tank (s) and maintain the record of discharge in register on daily basis.
 - d) The process waste i.e. fine material and silt so produced from the settling tank(s) will be disposed of in an environmentally sound manner such as filling in low lying area with half meter height of silt layer followed by cover of good earth of 15cms. and so on with the prior approval of concerned Environmental Engineer of Punjab Pollution Control Board.
 - ix) Annual healthy survey the workers should be conducted.
 - x) The opening of the housing for the movements of mechanical drives conveyor belts etc should be properly sealed with flexible rubber flaps.
 - xi) The stone crushers should conform to the emission standards laid down by the Board that the contribution in suspended particulate matter in ambient air measured between 3m and 10m from any process equipment's of a stone crushing unit shall not exceed 600g/Nm³.
 - xii) Only one approach road from N.H/ Schedule road will be provided to the cluster.
 - xiii) The approach road leading to the cluster of five or more stone crusher shall not pass through any village.
 - xiv) Stone crusher will be located in the minimum area of 0.4 hectare, which should be owned by the stone crushing unit as per land registry along with the NOC application.
5. The industry shall obtain necessary statutory permissions/clearances from all other concerned departments.
6. The industry shall put display Board indicating environmental data at the main entrance gate.
7. The Board reserves the right to revoke this consent at any time in case the industry is found violating any of the conditions of this consent and/or the provisions of Air (Prevention & Control of Pollution) Act, 1981 as amended from time to time.

Attested to be a true copy
document produced before me

Harmanjeet Bedi Notary
Pathankot Mob 94630-29390

20/08/2018

(Ashok Kumar Garg)
Environmental Engineer

For MALWA CONCRETE PLANT

For & on behalf

Gunder Singh
Partner

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Malwa concrete plant, Vill. dhulal, Mukerian, Hoshiarpur, 141211

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