

Rajasthan State Pollution Control Board

4, Institutional Area, Jhalana Doongri, Jaipur

Draft Guidelines for Abatement of Pollution in Stone Crusher Industry

No. SCMG (Gen-3)/RPCB/

Date

After carefully examining representations received from various stakeholders about prevailing guidelines for establishment of stone crusher units and for installation of pollution control measures by new & existing stone crusher units, issued vide no. SCMG (Gen-3)/RPCB/ 1261-1292 dated 15.10.2014, the Rajasthan State Pollution Control Board, in supersession of previous guidelines and subsequent related office orders, hereby issues fresh guidelines for establishment of new stone crusher units and required pollution control measures with new as well as existing stone crusher units.

1- GENERAL

- i) New stone crusher may be established on a piece of land duly converted, for the purpose of establishment of stone crushing unit, under relevant provisions of Rajasthan Land Revenue (Conversion of agricultural land for non-agricultural purposes in rural areas) Rules, 2007 or on piece of land allotted by competent authority of State Government for establishment of stone crusher unit.
- ii) Stone crusher units may also be established on mining leases after obtaining prior certificate from concerned revenue authority regarding suitability of land, as per provisions of Rajasthan Land Revenue (Conversion of agricultural land for non-agricultural purposes in rural areas) Rules- 2007, for establishment of stone crusher. Such certificate shall be accorded by an officer not below the rank of Sub Divisional Magistrate or Tehsildar in the format I attached at Annexure 'A'.

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- iii) New stone crusher unit shall not be allowed to establish on Khatedari land for which conversion is not required under Rule 6 of the Rajasthan Land Revenue (Conversion of agricultural land for non-agricultural purposes in rural areas) Rules, 2007.
- iv) Renewal of consent to operate to existing stone crushers on land **converted/allotted for industrial use/stone crusher** or on own *Khatedari* land up to an area not exceeding 2500 Square Meters (for which conversion is not required under Rule 6 of the Rajasthan Land Revenue Rules, 2007) shall be considered subject to adequacy of Pollution Control Measures. However, in case of stone crushers established on own khatedari land (for which conversion is not required under Rule 6 of the Rajasthan Land Revenue Rules, 2007) or on land **converted/allotted for industrial use**, no expansion shall be considered without land conversion for stone crusher as per Rajasthan land revenue (Conversion of agricultural land for non agricultural purposes in Rural Areas) Rules 2007.
- v) In cases where capacity of existing stone crusher is proposed to be enhanced by installing additional plant and machinery (except replacement), it will be treated as the case for establishment of new crusher. However, in case where any old (operating) stone crusher intends to enhance production beyond consented capacity through capacity utilization without replacement of plant & machinery and without addition in plant & machinery, such cases shall be considered by the Board, provided applications for consent are received afresh along with affidavit of applicant regarding crusher capacity, size of crusher and established

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plant and machinery. The matters of consent to establish for expansion shall be considered in following manner -

- (a) The application for expansion of existing stone crusher operating on land converted/allotted for stone crusher shall be considered without obtaining fresh land conversion.
 - (b) The application for expansion of existing stone crusher operating on land converted/allotted for industrial use or on mining leases shall be considered after submission of land suitability certificate from concerned land revenue authority, as per land revenue Rules-2007.
 - (c) The application for expansion of existing stone crusher on khatedari land (for which conversion is not required under Rule 6 of the Rajasthan Land Revenue Rules, 2007) shall be considered only after land conversion for stone crusher as per Rajasthan land revenue (Conversion of agricultural land for non agricultural purposes in Rural areas) Rules 2007.
- vi) In compliance of directions issued by the State Government, vide Department of Environment letter no. एफ 2(33) पर्या/2009 दिनांक 25-08-2011, permission shall not be accorded for establishment and operation of any stone crusher in Tehsil Deeg & Kaman (District Bharatpur).
- vii) In compliance of order passed by Hon'ble Supreme Court on dated the 27th February, 2012, in I.A. No.12- 13 of 2011 in Special Leave Petition (C) No.19628-19629 of 2009 i.e. Deepak Kumar etc. Vs. State of Haryana and Others etc., prior environmental clearance has now become mandatory for mining of minor minerals, irrespective of the area of mining lease. Although, as per provisions of the EIA Notification 2006, stone crushers do

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not require Environmental Clearance, yet in light of aforesaid orders of 2012 stone crushers intending to establish on mining leases shall obtain prior Environmental Clearance from concerned competent Authority as prescribed under EIA Notification 2006 and its amendments issued till date.

However, existing stone crusher, established on mining lease, shall get amendment done for stone crusher in the EC issued for mining unit and copy of receipt of application for such amendment, filed to competent authority, shall have to be submitted within three month period. Thereafter, the State Board shall decide the applications for consent on merit

viii) The stone crushing units shall also be required to comply with provisions laid down in all other related laws in force. The consent to establish/ consent to operate issued under the Air Act and Water Act does not absolve project proponent from other statutory obligations prescribed under any other law or instrument.

ix) Some cases relating to distance criteria for stone crusher units are currently subjudice. These cases shall remain subject to the decision of Hon'ble Courts and Hon'ble National Green Tribunal, as the case may be. However, State Board, till decision of court, shall consider consent to establish and consent to operate of such units only in accordance with prevailing land conversion letter, irrespective of dispute created later on w.r.t. distance criteria or other.

Provided further that if competent authority for land conversion, on basis of distance or any other issue, cancels prevailing land conversion and intimates to the Board about cancellation of land conversion then consent to

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establish or operate, as the case may be, shall be revoked/refused in accordance with the laws by the Board and the competent authority for land conversion shall be solely responsible to take necessary action for removal of the stone crusher.

- x) Similarly, in case of cancellation of mining lease, consent to establish or consent to operate, as the case may be, issued under provisions of Air Act 1981 and/or Water Act 1974 for adequacy of pollution control measures shall be revoked/refused in accordance with the laws by the State Board after receipt of information from Mining department. The Department of Mines & Geology shall be solely responsible for removal of stone crusher from such mining lease.

2- POLLUTION CONTROL MEASURES REQUIRED TO BE PROVIDED BY STONE CRUSHER UNITS

All existing and new stone crusher units are required to comply with the prescribed pollution control measures under Environment (Protection) Act 1986. The details are as under-

Mandatory Air Pollution Control Measures

Parameter	Standards
Suspended Particulate Matter (SPM)	The standards consist of two parts: i. Implementation of the following pollution control measures: a) Dust containment cum suppression system for the equipment.

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	<ul style="list-style-type: none">b) Construction of wind breaking walls.c) Construction of the metalled roads within the premises.d) Regular cleaning and wetting of the ground with in the premises.e) Growing of a green belt along the periphery. <p>ii. Quantitative standards of SPM: The suspended particulate matter measured between 3 meters and 10 meters from any process equipment of a stone crushing unit shall not exceed 600 micrograms per cubic meter.</p>
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Desirable Air Pollution Control Measures

- In order to control emissions of fugitive nature from premises of stone crusher unit, water sprinkler system shall be installed at all strategic locations with plant and machinery i.e. into feed hopper, at inlet and outlet of primary and secondary crusher, at outlet of vibrating screen with all material conveyers and drop point of dust conveyers etc.
- After construction of boundary wall of sufficient height (at least up to height of drop point of Chute at conveyor or drop point of conveyor) to act as wind barriers, around the crusher premises (converted/allotted/demarked at lease) there will be no need of constructing separate wind breaking walls along material conveyers.

3- PLANTATION AND OTHER ISSUES

- The converted piece of land shall be utilized for establishment of stone crusher in such a manner that plantation up to norms of 33% of converted

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area of land can be carried out leaving sufficient spaces for utilities, office building and keeping peripheral plantation to the extent possible.

Similar practice shall be adopted for plantation in case of stone crusher unit established or proposed to be established on mining leases, after demarcation of crusher area within lease..

- All existing stone crusher units, not having plantation up to prescribed norms, shall submit a time bound action plan (not more than one year) along with bank guarantee of Rs-15000/-.
- The copies of consent to establish and the certificate issued for land suitability, as submitted with consent application, shall be sent to concerned Revenue authority and Department of Mines & Geology through registered post for acknowledgement of the conditions of consent to establish and certificate.
- Ground water shall not be abstracted without prior N.O.C. from Central Ground Water Authority.
- The water storage facility must be provided at the stone crusher site and its capacity shall not be less than 3000 liters.
- A Sign Board showing the name, address and capacity of the stone crusher industry should be displayed at the entrance of the site.
- The crusher area (converted/allotted/demarked at lease) shall be clearly demarcated by providing boundary walls at all sides.
- In cases where piece of land for establishment of more than one stone crusher unit (cluster) is allotted by revenue department or by M/s RIICO Limited or by any other development agency, such piece of land must be clearly demarcated by providing boundary wall of suitable height so as to

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act as wind barriers also. In such cases, individual units are not required to en mark their plot areas and common plantation shall be carried out along boundary of such land, up to norms of 33% of land area, to the extent possible.

- All operating stone crusher units shall construct boundary wall around crusher area (converted/allotted/demarked at lease) within six month from date of issuance of these guidelines. Accordingly, a time bound action plan with bank guarantee (of an amount not less than 10% of expenditure required for boundary wall) shall be submitted to the Board immediately. In case of non compliance, the consent of crusher shall be revoked/refused by the Board.
- Raw material should be obtained from legal sources only. In case at any stage raw material procured from illegal source is found to be used, the sole responsibility will be of the project proponent.

4- PROCEDURE TO SUBMIT APPLICATION FOR CONSENT TO ESTABLISH AND CONSENT TO OPERATE

- (i) Applications for consent to establish and consent to operate shall be submitted on line through RPCBMIS along with prescribed documents and consent fees.
- (ii) In addition to above, at time submission of application for consent to establish or renewal of consent to operate by existing crushers, as the case may be, all stone crushers intending to establish or established on mining lease shall submit approved layout plan issued by concerned Mining Engineer showing

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location of crusher plant within lease area along with latitude and longitude of crusher site.

- (iii) Further, with first application of consent to operate for stone crusher units located on mining leases/converted land/allotted land a certificate of concerned ME/ Revenue authority (not below rank of SDM or Tehsildar) specifying establishment of crushing unit at en-marked area within mining leases/converted land/ allotted land shall be attached.

All concerned are directed to ensure strict compliance of the Guidelines while dealing with the issues related with the stone crusher industry.

(Member Secretary)