

**GEOLOGICAL WING  
DEPARTMENT OF INDUSTRIES  
UDYOG BHAWAN, SHIMLA-1  
.....**

**POLICY GUIDELINES FOR CONTROL OF LOCATION, INSTALLATION OR  
WORKING OF STONE CRUSHERS AND THEIR REGISTRATION IN THE STATE  
OF HIMACHAL PRADESH.**

Taking into consideration the overriding principle of protection of ecology and environment, to ensure that not a single stone crushing unit in the State causes any Pollution of any type and in consonance with the “ River/Stream Bed Mining Policy Guidelines for the State of Himachal Pradesh-2004” as notified on 28-2-2004, the State Government hereby makes following Policy Guidelines for control of location, installation, workings of stone crushers and their registration thereof.

**1. Mining Lease mandatory for running a stone crusher.**

- 1.1 In order to ensure legal and regular supply of minor minerals, every owner of stone crusher, shall have a valid mining lease for this purpose.
- 1.2 In respect of River/Stream Bed Mining leases over larger area of ten hectare or above shall be given priority for setting up of stone crushers.
  - For Hill Slope mining, lease area shall depend upon the size of crusher, availability of mineral and annual requirement of mineral in relation to scientific mining. In any case, the area shall not be less than 15 Bighas.
  - If the area is less than 15 Bighas and in no case less than 5 Bighas, the period of lease shall be determined, based on reserves calculated and annual requirement as per the proposals given in the Working-cum-Environmental Management Plan, which every lease holder shall have to prepare.

**2. Provisional Registration of stone crusher.**

- 2.1 No person shall install or run any stone crusher in any area within the State of Himachal Pradesh unless he obtains a Provisional Registration from the Geological Wing, Department of Industries. For this an application in Form “A” shall be submitted and it shall be accompanied by:-
  - a) A fee of Rs. 2500/- (Two thousand and five hundred )only.
  - b) Revenue record and site plan of the land on which the stone crusher is proposed to be installed, showing the location of the stone crusher with

reference to various siting parameters as notified by Govt. on dated 29-4-03. or amended from time to time.

(A stone crusher should have a minimum working area ranging from 2-5 Bighas, depending upon the size of the stone crusher for raising machinery/ plant and stacking of raw material/finished product in private land or in Govt. land after completing codel formalities and obtaining land lease from the competent authority.

(c) In case of private land, consent of land owner where the stone crusher is to be installed.

(d) An application for mining lease from where the minor mineral shall be used as raw material for feeding/running the stone crusher. This area should be within 5 Kms. radius of the stone crusher.

2.2 Based on these documents 'Provisional Registration' shall be issued by the Geological Wing, Department of Industries which shall form base for obtaining pre-production clearance from other Government Departments.

2.3 After provisional registration and Joint Inspection, the consent to Establish from the Himachal Pradesh State Environment Protection & Pollution Control Board (HPEP & PCB) should be obtained. The unit shall submit the Working-cum-Environment Management Plan before the issuance of Consent to Operate (COP) by the State Board.

2.4 Himachal Pradesh State Electricity Board shall give electric connection to the crusher owner only after obtaining Provisional Registration from the Geological Wing.

2.5 Already established stone crusher shall registered themselves within a period of 3 months from the date of issuance of these Policy Guidelines and for this registration they have to produce consent issued by Himachal Pradesh Environment Protection & Pollution Control Board.

### **3. Joint Inspection of the areas applied for mining lease and for setting up of stone crusher.**

#### **3.1 a) Joint Inspection of crusher site.**

The site for setting up the stone crusher shall be appraised and approved by a Joint Inspection Committee, consisting of the following members( as per Notification of Deptt. of Science & Technology dated 29-4-03)

1- Sub-Divisional Officer(Civil) concerned	Chairman.
2.- Divisional Forest Officer or his representative	Member
3- Representative of the State Environment Protection and Pollution Control Board.	Member.
4. Executive Engineer, PWD or his representative	Member
5. Executive Engineer, I&PH or his representative	Member

- |                                            |                  |
|--------------------------------------------|------------------|
| 6. Representative of the Deptt. of Tourism | Member           |
| 7. Representative of HPSEB –Local SDO(E)   | Member           |
| 7. Geologist or Mining Officer             | Member Secretary |

(b) Joint inspection shall be conducted at least by four members viz. Chairman, representative of H.P. State Environment Protection & Pollution Control Board, D.F.O. or his representative and Geologist/ Mining Officer on a prescribed checklist. Other members may issue separate NOC's as per the check list.

**3.2 Joint Inspection of the area applied for mining lease.**

a) The area applied for lease shall be inspected by a Committee consisting of the following members ( as per River/Stream Bed Mining Policy Guidelines for the State of H.P. 2004: notified on 28-2-04).

- |                                                                                    |                  |
|------------------------------------------------------------------------------------|------------------|
| 1- Sub-Divisional Officer (Civil) concerned                                        | Chairman.        |
| 2.- Assistant Conservator of Forest/Range Officer                                  | Member           |
| 3- Representative of the State Environment Protection and Pollution Control Board. | Member.          |
| 4. Executive Engineer, PWD or his representative                                   | Member           |
| 5. Executive Engineer, I&PH or his representative                                  | Member           |
| 6. Representative of the Deptt. of Tourism                                         | Member           |
| 7. Mining Officer                                                                  | Member Secretary |

(b) Joint Inspection shall be conducted by atleast three members viz. Chairman, Assistant Conservator Forest/Range Officer and Mining Officer on the prescribed check list. Other members may issue separate NOC's as per the check list.

3.3 The grant of Mining lease and approval of stone crusher site by the Committee shall be the basis for issuance of permanent registration.

**4. Permanent Registration.**

(a) Based on the approval of sites for setting up of the stone crusher grant of mining lease and after obtaining consent to operate from the Pollution Control Board. permanent registration shall be issued to the owner of the stone crusher by the Geological Wing, Department of Industries, which shall be valid for a period of two years (Form-B).

(b) The Geological Wing, Department of Industries may renew the Registration for a further period or periods of two years subject to proper functioning of the stone crusher as per the provision of various Acts and

Rules and clearance of all dues including clearance from Pollution Control Board.

- (c) In case the Geological Wing, Department of Industries is of the opinion that it is not expedient to grant a permanent registration taking into consideration the various factors as per the recommendations of the Joint Inspection Committee, Geological Wing, Department of Industries may after giving an opportunity of being heard and for reasons to be recorded in writing and communicated to the applicant, refuse to grant the permanent registration.
- (d) In case of renewal of the registration, the owner of the Stone Crusher shall apply for the renewal at least six month's before the expiry of the registration in 'Form-A'.
- (e) In case, the application for renewal submitted is not disposed off before the expiry of the period of registration, it shall be deemed to have been extended by a further period till the Geological Wing, Department of Industries passes order thereon.

**5. Other conditions for running of stone crushers.**

- (a) The owner of the stone crusher shall observe the provisions of;
  - i) The Air (Prevention and Control of Pollution ) Act, 1981 and rules framed thereunder.
  - ii) The Water (Prevention and Control of Pollution) Act 1974 and rules framed thereunder.
  - iii) The Environment(Protection) 1986 and rules framed thereunder.
  - iv) The Noise Pollution (Regulation and Control) rules 2000.
- b) No consent for expansion to a crusher shall be given by Pollution Control Board or electric connection by H.P. SEB, without prior approval of Geological Wing, Department of Industries.
- c) Every stone crusher owner shall ensure that the emission standards as per the statute and as notified by the Govt. on 29-4-03 are adhered to.
- d) Every stone crusher owner shall adopt pollution control measures as per Govt. notification dated 29-4-03 or as amended from time to time.
- e) The Geological Wing, Department of Industries may impose any such further conditions as it may deem fit for the protection of Environment and Ecology.
- f) The crusher owner shall submit a return by 10<sup>th</sup> of every month, giving details of total quantity of minerals crushed, electricity consumed, power generated in case of captive power generated run crusher, fuel consumption in case of diesel run crusher, number of labour employed and wages paid etc. .
- g) The crusher owner shall allow the inspecting staff, access to the crusher and make available all records relating to operation of the crusher and verification of source of legal supply of minor minerals and stocks.

## 6. **Conditions for mining leases:**

- a) As per strategy No. 9.6 of River/Stream Bed Mining Policy Guidelines and Rule 21 (4)(i) of H.P. Minor Mineral (Concession) Revised Rules, 1971 (as amended on 10-6-04) every applicant shall submit Working-cum-Environment Management Plan for carrying out systematic and scientific mining.
- b) Mining in river/stream beds shall be subject to general conditions as per Strategy No.9.5 of the River/Stream Bed Mining Policy Guidelines in addition to any other site specific conditions as specified by the Joint Inspection Committee, as detailed below:-
- c) **Mining in Hill slopes shall be subject to following general conditions:-**

### **I. Environmental Considerations:**

- i) No mining shall be allowed within 100 metres of thickly forested area.
- ii) No mining shall be allowed in areas, which may cause aesthetic/visual degradation near any known tourist spot.
- iii) No mining shall be allowed where it is likely to disrupt water regime, IPH schemes roads, bridges etc.
- iv) No mining shall be allowed where danger to site of culture, religions, historical, archeological or scenic importance is likely.
- v) No mining shall be allowed near habitation, where it is likely to cause noise and vibration problems, due to blasting or operation of machinery.
- vi) No mining shall be allowed where proper disposal of mine waste cannot be arranged.
- vii) Conditions shall be imposed that the lease holder will take adequate steps to control and check soil erosion, debris flow etc. by raising various engineering structure.

### **II. Geological and Geomorphological considerations:**

- i) No mining shall be allowed where the slope angles are more than 45° from horizontal and in case of mid slope mining, the foot wall should be of hard strata.

- ii) No mining lease shall be granted where the ore to overburden ratio is not economical i.e. 1:0.2 that is the waste generation should not be more than 20%.
- iii) Proper appraisal of the deposit for its qualitative and quantitative assessment shall be made in the form of Geological and topographical plans.

### **III. Technical Consideration:**

- i) The area should not be highly jointed, fractured or consisting of weak planes.
- ii) Relation of slope angle to angle of repose should be within mining parameters where 6x6 metre benches by keeping overall angle of repose as 45° can be made.
- iii) No mining shall be allowed where subsidence of rocks is likely due to steep angle of slope.
- iv) No overhangs shall be allowed to be formed during the course of mining.
- v) The gradient of approach roads shall be gentle with hill-ward slope, side drains and parapet walls. Adequate number of waiting and crossing points shall be provided for safe plying of vehicles.
- vi) No blasting shall be resorted to without taking proper licence under Explosive Act.

### **d). General Conditions:**

- i) Mining site shall only be handed over to the lease holder, after it is duly demarcated by permanent boundary pillars and certified by concerned Mining Officer.
- ii) Junction at take off point of approach road with main road shall be developed with proper width and geometrics required for safe movement of traffic by crusher owner at his own cost in consultation with Executive Engineer, H.P. PWD.
- iii) No lease holder shall store/stack any material in the acquired width of PWD road without the specific permission of the competent authority.
- iv) In addition to above the mining operation shall be subject to provisions of various Acts and Rules in force.
- v) Dumping of waste shall be done in earmarked places as per the Working Plans.