



# TAMIL NADU POLLUTION CONTROL BOARD

## ABSTRACT

**TNPCB - Issuing guidelines for the existing consented stone crushing units to go for expansion along with M-sand unit – Reg.**

**B.P. No. 08**

**Dated: 05.03.2019**

- Ref:
1. B.P. Ms. No. 4 dated 02.07.2004
  2. B.P. Ms. No. 55 dated 06.10.2005
  3. B.P. No. 26 dated 30.07.2018
  4. Board Resolution No.BM/CA/04/2019, dated 01.03.2019

\*\*\*

The Board vide B.P. Ms. No. 4 dated 02.07.2004 (read with B.P. Ms. No. 55 dated 06.10.2005), has issued norms for the location of stone crushing industries. The highlights of the norms for New / Proposed Stone Crushing units are as follows:

- i). No new / proposed stone crushers should be located within 500 metres from any National Highways or State Highways or inhabited site or places of public and religious importance.
- ii). The minimum distance between new / proposed stone crushers should be 1 KM to avoid dust pollution influence of one over the other.
- iii). Green Belt Development: The stone crushing units shall provide adequate green belt cover around the periphery as suggested by the Board depending on site and meteorological conditions.
- iv). The stone crushing units should provide dust containment and dust suppression systems suggested by NPC and NEERI.

The above norms are strictly followed by the Board. The Hon'ble High Court of Madras in its order dated 20.3.2006 in W.P No. 1560 of 2006 filed by M/s. Sri Kalamman Blue Metal has given stay order for the maintaining a minimum distance

76, MOUNT SALAI, GUINDY, CHENNAI - 600 032.

Tel : 22353134, 22353135, 22353136, 22353137, 22353138, 22353139, 22353140, 22353141

Fax : 044-22353068

Email : tnpceb@md3.vsnl.net.in Web : www.tnpceb.gov.in



## TAMIL NADU POLLUTION CONTROL BOARD

of 1 KM between two crushers. Later the Hon'ble High Court in its order dated 08.10.2010 in W.P No. 1560 of 2006 and connected W.Ps, has vacated the stay granted earlier. In between the stay period, CTE / CTO were issued to the new stone crushers without insisting the 1 KM distance criteria.

River sand is the essential material for the construction activities. Extensive use of river sand as fine aggregate in the construction works results in scarcity of river sand. Further, indiscriminate mining of sand affects the river eco system and lowers the ground water table. Therefore, the Government is now encouraging the use of M-Sand in construction in place of river sand. M-sand is manufactured by crushing of blue metal jellies either in stone crushers along with blue metal jellies or in standalone M- Sand units. In order to regulate the activities of M- Sand units, the Board vide B.P. No. 26 dated 30.07.2018 has issued guidelines for M-Sand units.

In the said guidelines, with respect to distance criteria prescribed vide A-II, it is mentioned that *"Standalone M-Sand units located within Stone Crushers and manufacturing M- sand in addition to the blue metal jellies by installing additional machineries shall adopt the criteria stipulated in B.P. Ms. No. 4, dated 2.7.2004 and B.P. Ms. No. 55, dated 06.10.2005"*.

According to this, if an M-Sand unit is proposed to be located within an existing/proposed stone crusher, it should be ensured that there shall not be any stone crusher within 1 KM radius. This restriction hampers the expansion of existing stone crushers for manufacturing of M-Sand in addition to the blue metal jellies.

Because the existing stone crushers (prior to 10.05.1999) located as clusters were issued consent for which 1 KM distance is not applicable. Similarly consent were issued to new stone crushing units without maintaining 1 KM norms in view of the stay granted by the High Court in W.P 1560 of 2006. Now, if these units intend to go for expansion for manufacturing of M-Sand, they will not be permitted in view of



## TAMIL NADU POLLUTION CONTROL BOARD

adopting 1 KM distance between crusher to crusher, which is not practically available at site.

In view of the above, Stone Crushers Associations have made representation to the Hon'ble Minister for Environment that the norms for maintaining 1 KM distance from crusher to crusher shall be waived off so that the existing crushers can go for expansion to manufacture M-Sand in addition to the existing consented production of blue metal jellies and new crushers can be permitted so as meet the demand for supply of blue metal and M-sand for construction activities. Further, they stated that all the existing stone crushers are functioning with full fledged Air Pollution Control measures as suggested by the NEERI.

In order to sort out the issue, a meeting was convened by the Hon'ble Minister for Environment with the Principal Secretary to Government, Environment & Forests Department & Chairman, TNPCB, and Member Secretary, TNPCB. After detailed discussion, it was decided to re-examine the 1 KM distance criteria mentioned in the B.P Ms No. 4 dated 02.07.2004 in view of the latest development in pollution control technologies, the present demand for construction materials and difficulties faced by the entrepreneurs to find suitable site.

In this connection it is submitted that the B.P Ms No. 4 dated 02.07.2004 was issued based on the scientific study carried out by NEERI. Therefore, in order to re-examine the 1 KM distance criteria for the new stone crushers, a study may be conducted through a reputed institution like NEERI.

In the meantime, the existing consented stone crushers may be permitted to increase their production along with or without M-sand production. In such case, they may not be insisted to maintain 1 KM distance criteria. The grounds for considering the above relaxation are as follows;

- The 1 KM distance prescribed in the B.P. Ms. No. 4 dated 02.07.2004 is applicable only for new /proposed stone crushing units.

---

76, MOUNT SALAI, GUINDY, CHENNAI - 600 032.

Tel : 22353134, 22353135, 22353136, 22353137, 22353138, 22353139, 22353140, 22353141

Fax : 044-22353068

Email : tnpceb@md3.vsnl.net.in Web : www.tnpceb.gov.in



## TAMIL NADU POLLUTION CONTROL BOARD

- The existing stone crushers should have proved air pollution control measures as prescribed by the Board. Consent to operate to the existing stone crushers are renewed by the DEEs only after ensuring the compliance of consent conditions.

Considering the above the following guidelines may be issued for the **existing consented stone crusher units.**

1. The existing consented stone crushers shall be permitted to increase their production along with or without M-sand production unit, such units shall comply with all the norms as prescribed in B.P. Ms. No. 4 dated 02.07.2004 (read with B.P. Ms. No. 55 dated 06.10.2005) except 1 KM distance criteria from crusher to crusher.
2. The stone crushing units shall meet Ambient Air Quality standards at all times. The suspended particulate matter contribution value at a distance of 40 metres from a controlled isolated as well as from a unit located in a cluster should be less than 600mg/Nm<sup>3</sup>.
3. The Standalone M-Sand units (within / outside stone crushing unit) shall comply with all the norms as prescribed in B.P. No. 26 dated 30.07.2018 except the distance criteria as prescribed under A-II of said B.P.
4. The stone crushing units & M-Sand units shall not store raw materials & products more than one month capacity and all the open storage should be properly covered with Tarpaulin to avoid dust emanation due to wind action.

The above proposal was placed before the Board. The Board vide circulation No. BM/CA/04/2019, dated 01.03.2019 has resolved to approve the proposal and to issue the following guidelines for the **existing consented stone crushing units.**

1. The existing consented stone crushing units shall be permitted to increase their production along with or without M-sand production unit, such units shall comply with all the norms as prescribed in B.P. Ms. No. 4 dated 02.07.2004

---

76, MOUNT SALAI, GUINDY, CHENNAI - 600 032.

Tel : 22353134, 22353135, 22353136, 22353137, 22353138, 22353139, 22353140, 22353141

Fax : 044-22353068

Email : tnpccb@md3.vsnl.net.in Web : www.tnpccb.gov.in



## TAMIL NADU POLLUTION CONTROL BOARD

(read with B.P. Ms. No. 55 dated 06.10.2005) except 1 KM distance criteria from crusher to crusher.

2. The stone crushing units shall meet Ambient Air Quality standards at all times. The suspended particulate matter contribution value at a distance of 40 metres from a controlled isolated as well as from a unit located in a cluster should be less than 600mg/Nm<sup>3</sup>.
3. The Standalone M-Sand units (within / outside stone crushing unit) shall comply with all the norms as prescribed in B.P. No. 26 dated 30.07.2018 except the distance criteria as prescribed under A-II of said B.P.
4. The stone crushing units & M-Sand units shall not store raw materials & products more than one month capacity and all the open storage should be properly covered with Tarpaulin to avoid dust emanation due to wind action.

The Board has also approved the proposal to re-examine the 1 KM distance criteria for the new stone crushers by conducting a study through a reputed institution like NEERI.

Sd/- dt. 5.3.2019  
D.Sekar  
Member Secretary

### To

All JCEEs (Monitoring), TNPCB

All DEEs, TNPCB

### Copy to

ACEE, TNPCB, Chennai-32

All JCEEs, TNPCB, Chennai-32.

All EEs, AEEs & AEs, TNPCB, Chennai-32.

BMS section

Legal Section

  
For Member Secretary

76, MOUNT SALAI, GUINDY, CHENNAI - 600 032.

Tel : 22353134, 22353135, 22353136, 22353137, 22353138, 22353139, 22353140, 22353141

Fax : 044-22353068

Email : tnpccb@md3.vsnl.net.in Web : www.tnpccb.gov.in