

KERALA STATE POLLUTION CONTROL BOARD

DISTANCE CRITERIA OF VARIOUS INDUSTRIES AND UNITS (as on 02/03/2023)

1. General criteria

Sl. No	Industry		Minimum distance (in m)		Circular number & date
	Scale	Category	d_R	d_O	
1	Small- less than 5 crore	Red	25	50	PCB/TAC/18/2004 dated 09/08/2004
		Orange	10	15	
		Green	3	5	
2	Medium- 5 to less than 10 crore	Red	50	100	
		Orange	15	25	
		Green	6	10	
3	Large- 10 crore & above	Red	100	100	
		Orange	40	60	
		Green	15	30	

d_R is the distance to the nearby residence

d_o is the distance to the nearest public buildings

2. Industry specific criteria

Sl. No.	Industry	Minimum distance to nearby residence / other establishments (in m)	Minimum setback on all sides (in m)	Minimum area requirements	Circular number & date
1	Brick Kiln (fixed type)	150	25m from chimney	Minimum 50 cents	PCB/HO/KTM/16741/09/09 dated 30/12/2010
2	Brick kiln (Moving type)	50 m	-	-	PCB/HO/KTM/16741/09/09 dated 21/11/2011
3	Crusher capacity \leq 30 HP	200 (150m if stringent control measures such as enclosure of crushers, classifiers, screens and other noise/dust producing units with 40 cm thick solid wall (not hollow brick), false roofing and dust extraction system).	30	0.5 hectares	PCB/TAC/St Cr.com/65/2005 dated 24/11/2009
4	Crusher capacity $>$ 30 HP	200 (150m if stringent control measures such as enclosure of	50	1.0 hectares	PCB/TAC/St Cr.com/65/2005 dated 24/11/2009

		crushers, classifiers, screens and other noise/dust producing units with 40 cm thick solid wall (not hollow brick), false roofing and dust extraction system).			
5	Construction & Demolition waste processing plant	100m from the processing facility.	10	1.0 hectares	PCB/HO/SEE-3/TECH/139/2022 dated 04/04/2022
6	DG set	$\sqrt{\frac{kVA}{2}}$ (kVA is value of highest capacity of DG set)	Not specified	Not specified	PCB/HO/SEE3/TECH/9/2019 dated 10/11/2020
7	Fuel Outlets (Petrol pump)	50m (from fill point/dispensing/vent pipe) residences, schools and hospitals (10 beds and above) and where there are constraints subject to the implementation of additional control measures as prescribed by PESO, the above distance shall be minimized to 30.0m. 50 m from water bodies.	Not specified	Not specified	PCB/HO/HOW/RULE S9/ 7/ 2019 dated 24.02.2020
8	Flour Mill in Market	Exempted	Exempted	NA	PCB/T4/115/97 dated 31/08/2016
9	Furniture unit	25	10	Not specified	PCB/HO/CIRCULAR/51/2019 dated 03/07/2019
10	Furniture units without plainer, band saw and re-saw. Hand/portable plainer is permissible	10	5	Not specified	PCB/HO/CIRCULAR/89/2019 dated 21/01/2020
11	Granite Quarry	50	Not specified	Not specified	PCB/HO/CIRCULAR/2014 dated 06/08/2014
12	Hot Mix Plant (temporary-one year validity)	25	Not specified	Not specified	PCB/HO/CIRCULAR/2015 dated 01/10/2015
13	Hot Mix Plant (temporary-1-3 year validity)	50	Not specified	Not specified	PCB/HO/CIRCULAR/2015 dated 01/10/2015
14	Hot Mix Plant (permanent)	50	Not specified	Not specified	PCB/HO/CIRCULAR/2015 dated 01/10/2015

15	Interlock Cement Blocks (excluding Interlock Paving Tiles)	25	10	Not specified	PCB/HO/CIRCULAR/51/2019 dated 03/07/2019
16	Laterite Quarry	50	25	Not specified	PCB/T4/115/97 dated 20/07/2011
17	Modular Wooden Furniture/Medium Density Fibre Board (MDF) not installed with saw/planer/ grinding etc	Green category norms			PCB/T4/115/97 dated 15/11/2012
18	Matti Sand Washing (without crusher)	50	25	Not specified	PCB/T4/115/97 dated 27/10/2011
19	Plywood Assembling Units (assembling only)	Green category norms			PCB/T4/115/97 dated 29/03/2017
20	Ply Wood/ Veneer units	50	25	Not specified	PCB/T4/115/97 dated 20/07/2011 & 27/08/2011
21	Rendering Plant	100	10	-	Revised SOP for rendering plants dated 10/11/2021 PCB/ HO/ SEE3/TECH/80/2019
22	Rock Sand Production using HIS/VSI. (including Cone Crusher used for production of crusher sand alone) (< 100HP)	75	25	Not specified	PCB/TAC/BM-168/671/ 2009 dated 08/02/2010 & PCB/T4/115/97 dated 17/03/2015
23	Rock Sand Production using HIS/VSI. (including Cone Crusher used for production of crusher sand alone) 100 HP-250HP)	105	25	Not specified	PCB/TAC/BM-168/671/ 2009 dated 08/02/2010 & PCB/T4/115/97 dated 17/03/2015
24	- Rock Sand Production using HIS/VSI. (including Cone Crusher used for production of crusher sand alone) (>250 HP)	125	25	Not specified	PCB/TAC/BM-168/671/ 2009 dated 08/02/2010 & PCB/T4/115/97 dated 17/03/2015
25	Recycler/ Reprocessor of waste oil/ used oil	100	25	-	PCB/T4/115/97 dated 15/12/2011
26	Slaughter House (cattle) (less than 10 numbers per day)	25	50	Not specified	PCB/T4/115/97 dated 08/05/2017

27	Slaughter House (cattle) (more than 10 numbers per day)	90	50	Not specified	PCB/T4/115/97 dated 08/05/2017
28	Saw mill	25	10	Not specified	PCB/HO/CIRCULAR/51/2019 dated 03/07/2019
29	Solid Cement Bricks (Solid & Hollow Bricks)	25	10	Not specified	PCB/HO/CIRCULAR/51/2019 dated 03/07/2019
30	Saline sand washing plants	10	As per the orange category norms.		PCB/HO/CIRCULAR/57/2019 dated 19/05/2022
	1. Temporary plant				
	2. Permanent plant	50	10m		

3. Farms

Sl no	Cattle (no)	Goat (no)	Rabbit (no)	Poultry# (no)	Distance to nearby residence/ other establishments (in m)	Minimum setback	Circular number and date
1	6-20	21-50	26-50	101-250	10	According to KMBR Rules	PCB/T4/115/97 dated 31/08/2016
2	21-50	51-100	51-100	251-500	25		
3	51-100	101-200	101-200	501-1000	25		
4	101-200	201-500	201-400	1001-5000	25		
5	201-400	501-750	401-500	5001-10000	50		
6	>400	>750	>500	>10000	50		
7	Dog Farm	-			25	do	PCB/T4/115/97 dated 09/07/2021
8	Pig Farm	No of pigs					Revised SOP no. PCB/HO/SEE-3/TECH/99/2020 dated 04/11/2022
		1-5			Exempted	do	
		6-15			50		
		16-50			75		
		>50			100		

4. Municipal solid waste processing/disposal centers

Sl no.	Capacity of the plant	Minimum distance from the outer boundary of	Setback (3m)	Circular number and date
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		the core activity zone to the nearest residential building in metre		
1	5TPD or lower (de-centralized)	10	3	Guideline no. PCB/HO/SEE2/Model City/Kozhikode corporation/2019 dated 09/09/2021
2	>5TPD to < 50TPD	100	Buffer zone as per guidelines for buffer zone	
3	> 50TPD	130	Buffer zone as per guidelines for buffer zone	
4	Sanitary Landfill (Secured Landfill)	200	Buffer zone as per guidelines for buffer zone	

5. Sewage/Effluent Treatment Plant, Common Sewage/Effluent Treatment Plants and Fecal Sludge Treatment Plants

Type of plant	Minimum distance to nearby residence in metre	Minimum distance from point of discharge of treated sewage to water bodies in metre	Minimum Setback	Circular number and date
Sewage/Effluent Treatment Plant attached to an individual unit.	10 log (Q)	10 log (Q)	3	PCB/HO/SEE3/TECH/6/2017 dated 10/09/2021
Common Sewage/Effluent Treatment Plant (capacity less than or equal to 100KLD)	10 log (Q)	10 log (Q)	3	
Common Sewage/Effluent Treatment Plant (capacity greater than 100 KLD)	25 log (Q)	25 log (Q)	10	
Fecal Sludge Treatment Plants	25 log (Q)	25 log (Q)	10	

Q is maximum capacity of the treatment Plant in cubic metres per day.