



Circular No. 11 /APPCB/CFE/RO-ZO/HO/2014

Dt. 01.03.2019

Sub: APPCB – CFE – Revision of siting guidelines for establishment of certain Industries - Instructions issued – Reg.

Ref: Resolution No.172/2019 of 8th Board meeting held on 24.01.2019.

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It is to inform that the Board had formulated guidelines for establishment of certain small scale industries about 20 years ago in order to

- i. mitigate the propagation of Air pollutants from the industry towards roads, human habitation around the site,
- ii. maintain safety zone between the industry and human habitation and
- iii. reduce the impact of the noise pollution on human habitation.

The State of Andhra Pradesh was bifurcated and the residual state of Andhra Pradesh was formed. The coastal districts of Andhra Pradesh are thickly populated and available land has been reduced and has become more precious. There is lot of up-gradation and development in the pollution control systems of the industries with latest technology to control the pollution generated from the industries more effectively.

The Commissioner of Industries & Commerce and Export Promotion vide Ir.dt. 12.10.2018 had also requested the Board to revise the existing siting guidelines for establishment of industries keeping in view of the latest pollution control equipment, treatment plants, solid waste disposal systems etc., since the revision has not been done for more than 20 years. The Commissioner of Industries forwarded the guidelines followed by other State PCBs and requested to relax the guidelines for stone crushers specifically as the number of rejections are more in this regard.

Keeping in view of the above, in the reference cited, the Board resolved to revise siting guidelines for establishment of certain category of industries as following:

- **These siting guidelines are applicable to the units with total investments upto Rs. 10.0 Crores.**
- **These siting guidelines are not applicable for the units proposed in the IEs/IDAs/Industrial Parks/ SEZ etc., and for expansion of the existing units.**

S.No	Guidelines
1.	STONE CRUSHERS:
a)	The distance between the boundary of the site and boundary of the <ol style="list-style-type: none">i) National Highway shall be 500m.ii) State High way, MDR and other roads shall be 100 m.
b)	The distance between the boundary of the site and human habitation, educational institutions and religious places shall not be less than 500 m.
c)	Preferably located near the quarries.
d)	Minimum area of land required – 3 acres.
e)	Greenbelt of width 5 m shall be developed along the boundary of the land, with atleast three rows of tall growing plants such as Conocarpus (Dubai plants) etc., to act as a barrier to mitigate dust pollution. A barricade with steel sheets shall be provided between the Crusher area and the green belt. The height of the barricade shall be 1.0 metre above the highest point of the stone crusher / conveyor belt.

2. DAIRY UNITS (except chilling units):																
a)	<p>The width of buffer zone to be maintained from the Road Land Boundary to the industry shed shall be as following:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Category</th> <th>National Highways</th> <th>State Highways</th> <th>MDR / Village Roads</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Red (integrated)</td> <td>50 m</td> <td>40 m</td> <td>20 m</td> </tr> <tr> <td>2</td> <td>Orange (small scale)</td> <td>25 m</td> <td>20 m</td> <td>10 m</td> </tr> </tbody> </table> <p>➤ The buffer zone shall be permitted to utilise for the following:</p> <ul style="list-style-type: none"> i) Vehicle parking. ii) Administrative building and security office. iii) Green belt. iv) Electrical Substation / transformers. v) Fuel Station. vi) Water supply sumps and vii) Other non-industrial activities. 	S. No.	Category	National Highways	State Highways	MDR / Village Roads	1	Red (integrated)	50 m	40 m	20 m	2	Orange (small scale)	25 m	20 m	10 m
S. No.	Category	National Highways	State Highways	MDR / Village Roads												
1	Red (integrated)	50 m	40 m	20 m												
2	Orange (small scale)	25 m	20 m	10 m												
b)	The distance between the boundary of the site and human habitation, educational institutions and religious places shall not be less than 300 m.															
c)	<p>Area of the green belt shall be @ one acre to dispose 10 KLD of treated waste water, in addition to the built-up area.</p> <p style="text-align: center;">(OR)</p> <p>The industry can discharge the treated effluents into surrounding fields, after submitting the NOC from the farmers to the Board.</p>															
d)	<ul style="list-style-type: none"> • New Dairy units shall install bag filters as the control equipment for the boiler(s), if the distance between the boundary of the site and human habitation, educational institutions and religious places is less than 500 m. • If, the distance between the boundary of the site of the new Dairy units and human habitation, educational institutions and religious places is equal to or more than 500 m, cyclone / multi-cyclones are sufficient as the control equipment for the boiler(s). • If the fuel for the boiler is oil such as diesel, pollution control equipment is not required. Required stack height shall be provided. 															

3. PULVERIZING UNITS:									
a)	<p>The width of buffer zone to be maintained from the Road Land Boundary to the industry shed shall be as following:</p> <table border="1"> <thead> <tr> <th>Category</th> <th>National Highways</th> <th>State Highways</th> <th>MDR / Village Roads</th> </tr> </thead> <tbody> <tr> <td>Orange</td> <td>25 m</td> <td>20 m</td> <td>10 m</td> </tr> </tbody> </table> <p>➤ The buffer zone shall be permitted to utilise for the following:</p> <ul style="list-style-type: none"> i) Vehicle parking. ii) Administrative building and security office. iii) Green belt. 	Category	National Highways	State Highways	MDR / Village Roads	Orange	25 m	20 m	10 m
Category	National Highways	State Highways	MDR / Village Roads						
Orange	25 m	20 m	10 m						

	<ul style="list-style-type: none"> iv) Electrical Substation / transformers. v) Fuel Station. vi) Water supply sumps and vii) Other non-industrial activities.
b)	The minimum distance between the boundary of the site and human habitation shall be 300 m.
c)	Minimum area of the site shall be Ac. 1.5.
d)	Greenbelt shall be developed along the boundary of the land, with atleast two rows of tall growing plants such as Conocarpus (Dubai plants) etc., to act as a barrier to mitigate dust pollution.
e)	Bag filter has to be provided for the pulverizer.

4.	PARBOILED RICE MILL:															
a)	<p>The width of buffer zone to be maintained from the Road Land Boundary to the industry shed shall be as following:</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>S. No.</th> <th>Category</th> <th>National Highways</th> <th>State Highways</th> <th>MDR / Village Roads</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Red (wastewater generation > 100 KLD or fuel consumption > 12 MTD or both)</td> <td>50 m</td> <td>40 m</td> <td>20 m</td> </tr> <tr> <td>2</td> <td>Orange (wastewater generation ≤ 100 KLD or fuel consumption ≤ 12 MTD or both)</td> <td>25 m</td> <td>20 m</td> <td>10 m</td> </tr> </tbody> </table> <p>➤ The buffer zone shall be permitted to utilise for the following:</p> <ul style="list-style-type: none"> i) Vehicle parking. ii) Administrative building and security office. iii) Green belt. iv) Electrical Substation / transformers. v) Fuel Station. vi) Water supply sumps and vii) Other non-industrial activities. 	S. No.	Category	National Highways	State Highways	MDR / Village Roads	1	Red (wastewater generation > 100 KLD or fuel consumption > 12 MTD or both)	50 m	40 m	20 m	2	Orange (wastewater generation ≤ 100 KLD or fuel consumption ≤ 12 MTD or both)	25 m	20 m	10 m
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1	Red (wastewater generation > 100 KLD or fuel consumption > 12 MTD or both)	50 m	40 m	20 m												
2	Orange (wastewater generation ≤ 100 KLD or fuel consumption ≤ 12 MTD or both)	25 m	20 m	10 m												
b)	The distance between the boundary of the site and human habitation, educational institutions and religious places shall not be less than 300 m.															
c)	The new units shall not be located in the catchment area of drinking water source.															
d)	<p>Area of the green belt shall be @ one acre to dispose 10 KLD of treated waste water, in addition to the built-up area.</p> <p style="text-align: center;">(or)</p> <p>The industry can discharge the treated effluents into surrounding fields, after submitting the NOC from the farmers to the Board.</p>															
e)	Greenbelt shall be developed along the boundary of the land, with atleast two rows of tall growing plants such as Conocarpus (Dubai plants) etc., to act as a barrier to mitigate dust pollution.															
f)	Rice Husk / Boiler ash shall be stored in a separate closed sheds in one of the corners of the site, away from habitation, educational institutions and religious places and roads.															
g)	Bag filter shall be provided to the Boiler. If the fuel for the boiler is oil such as diesel, pollution control equipment is not required. Required stack height shall be provided.															

5. CEMENT GRINDING UNITS:									
a)	<p>The width of buffer zone to be maintained from the Road Land Boundary to the industry shed shall be as following:</p> <table border="1"> <thead> <tr> <th>Category</th> <th>National Highways</th> <th>State Highways</th> <th>MDR / Village Roads</th> </tr> </thead> <tbody> <tr> <td>Orange (Total investment upto Rs. 10 Crores)</td> <td>25 m</td> <td>20 m</td> <td>10 m</td> </tr> </tbody> </table> <p>➤ The buffer zone shall be permitted to utilise for the following:</p> <ul style="list-style-type: none"> i) Vehicle parking. ii) Administrative building and security office. iii) Green belt. iv) Electrical Substation / transformers. v) Fuel Station. vi) Water supply sumps and vii) Other non-industrial activities. 	Category	National Highways	State Highways	MDR / Village Roads	Orange (Total investment upto Rs. 10 Crores)	25 m	20 m	10 m
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b)	The distance between the boundary of the site and human habitation, educational institutions and religious places shall not be less than 300 m.								
c)	Minimum area of the site shall be Ac. 1.5.								
d)	Greenbelt shall be developed along the boundary of the land, with atleast two rows of tall growing plants such as Conocarpus (Dubai plants) etc., to act as a barrier to mitigate dust pollution.								
e)	Bag filter for grinding unit and cement silo shall be provided.								

6. TYRE PYROLYSIS UNITS:									
a)	<p>The width of buffer zone to be maintained from the Road Land Boundary to the industry shed shall be as following:</p> <table border="1"> <thead> <tr> <th>Category</th> <th>National Highways</th> <th>State Highways</th> <th>MDR / Village Roads</th> </tr> </thead> <tbody> <tr> <td>Red</td> <td>50 m</td> <td>40 m</td> <td>20 m</td> </tr> </tbody> </table> <p>➤ The buffer zone shall be permitted to utilise for the following:</p> <ul style="list-style-type: none"> i) Vehicle parking. ii) Administrative building and security office. iii) Green belt. iv) Electrical Substation / transformers. v) Fuel Station. vi) Water supply sumps and vii) Other non-industrial activities. 	Category	National Highways	State Highways	MDR / Village Roads	Red	50 m	40 m	20 m
Category	National Highways	State Highways	MDR / Village Roads						
Red	50 m	40 m	20 m						
b)	Shall be located atleast 500 m away from habitations.								
c)	Burners shall be installed to flare up excess non condensable gases with safety arrangements.								
d)	Air pollution control equipment shall be provided to control the flue gas emissions generated during the heating of the Pyrolysis reactor.								
e)	No further distillation of oil shall be carried out.								
f)	The by-products, carbon black shall be collected properly and stored in closed shed without causing any spillages before selling to outside parties.								

7.	SOLVENT RECOVERY UNITS:
a)	The solvent recovery units shall be installed in Industrial Estates / industrial parks / IDAs / SEZs.
b)	The solvent recovery units shall dispose the inorganic hazardous waste to TSDF for land filling and organic residue to TSDF for incineration / cement plants for co-processing.
c)	The solvent drums shall be kept on concrete platform only with covered roof. The platform shall be provided with sufficient dyke wall with leachate collection system.
d)	All the solvent storage tanks shall be provided with vent condensers to prevent solvent vapour.
e)	Transfer of solvents shall be done by using pumps only instead of manual handling.
f)	Proper earthing shall be provided in all the electrical equipment wherever solvent handling is done.

All are instructed to follow the above guidelines while processing the applications received from the project proponents.


1.3.19
CHAIRMAN

To

All the Zonal Officers & Regional Officers,
The Unit Heads I to IV, Head Office for information and necessary action.

