

MIZORAM POLLUTION CONTROL BOARD

CHECKLIST FOR VERIFICATION / INVENTORY OF CHARCOAL MANUFACTURING UNITS

I. GENERAL INFORMATION

a. Name of Unit	
b. Name of Owner / Proprietor	
c. Address / Location of Unit	
d. Contact Person & Telephone No.	
e. Village / Local Council / District	
f. Date / Year of Establishment	
g. Ownership	Government / Private / Individual / Other
h. Status of Land / Site	Private / Government / Lease / Other
i. Total Area of Unit	_____ sq. m.
j. Date of Inspection / Verification	
k. GPS Coordinates	
l. Status of Consent / Authorization	CTE / CTO / Applied / Not Applied / Not Applicable
m. Period of operation in a year	

II. MANUFACTURING PROCESS AND RAW MATERIAL

a. Raw material used	Wood / Timber / Bamboo / Other:
b. Source of raw material	
c. Quantity of raw material used	_____ kg/day or _____ tonnes/month
d. Type of kiln	Traditional / Improved / Retort / Other: _____
e. Number of kilns	
f. Capacity of each kiln	
g. Batch cycle / duration	
h. Production capacity	_____ kg/day or _____ tonnes/month
i. Actual production	_____ kg/day or _____ tonnes/month
j. Process description	Carbonisation / Pyrolysis / Other

III. FUEL / ENERGY USE

Fuel / Energy Source	Quantity Used	Unit	Purpose

IV. AIR POLLUTION / EMISSION CONTROL

Particulars	Status / Details	Remarks
a. Kiln / furnace type and condition		

b. Chimney / stack provided (height / diameter)		
c. Visible smoke / emission observed		
d. Fugitive emissions / smoke leakage		
e. Odour nuisance		
f. Type of Air Pollution Control Device (if any)		
g. Fuel / biomass storage and handling		

V. WATER CONSUMPTION AND WASTEWATER

a. Source(s) of water	
b. Water consumption	litres/day
c. Process requiring water	Yes / No; Details:
d. Source(s) of wastewater generation	
e. Wastewater generation	litres/day or KLD
f. Nature / appearance of wastewater	Colour / odour / suspended matter / other
g. Final mode of disposal	Reuse / Drain / Land / Water body / Other
h. Any discharge to nearby stream / river / drain	Yes / No

VI. CHARCOAL / SOLID WASTE GENERATION AND MANAGEMENT

Type of Waste	Quantity Generated	Storage Method	Method of Disposal / Utilisation
a. Charcoal dust/fines			
b. Wood ash			
c. Unburnt wood/ residue			
d. Kiln waste/ refractory waste			
e. Other waste			

VII. POLLUTION CONTROL AND ENVIRONMENTAL COMPLIANCE

Particulars	Yes / No / Details	Remarks
a. Consent to Establish obtained		
b. Consent to Operate obtained		
c. Compliance with consent conditions		
d. Air Pollution Control measures adequate		
e. Wastewater managed without pollution		
f. Solid waste properly stored and		

disposed		
g. Hazardous waste managed as per applicable rules		
h. Open burning of waste / residues observed		
i. Smoke / emission nuisance to surrounding area		
j. Complaint from nearby residents		

VIII. SITE INSPECTION / OBSERVATIONS

a. Distance from nearest habitation	_____ m
b. Distance from nearest water body / stream	_____ m
c. Distance from forest / protected area, if applicable	_____ m
d. Site suitability / land use	
e. Major observations	
f. Corrective measures required	

IX. RECOMMENDATION / PROPOSED ACTION

a. Proposed category	Red / Orange / Green / White / To be assessed
b. Consent requirement	
c. Pollution control measures required	
d. Other action recommended	

Name & Signature of Inspecting Official:

Date: _____

Place: _____