

# Environmental and Sustainability Compliance Checklist

## Electric Vehicle & Charging Station Industry

### CRITICAL – WASTE MANAGEMENT

Solid waste is segregated at source into biodegradable, non-biodegradable, and hazardous waste.

Compliant

Partially Compliant

Non-Compliant

NA

E-waste (PCB, cables, circuits, batteries) is disposed of through authorized recyclers only.

Compliant

Partially Compliant

Non-Compliant

NA

Waste storage areas are covered, labeled, and maintained in clean condition.

Compliant

Partially Compliant

Non-Compliant

NA

Hazardous waste containers are leak-proof and properly labeled with hazard class.

Compliant

Partially Compliant

Non-Compliant

NA

Used lubricants, oil filters, and hydraulic fluids are collected in sealed drums.

Compliant

Partially Compliant

Non-Compliant

NA

Metal scrap and recyclable items are handled separately and sold to registered recyclers.

Compliant

Partially Compliant

Non-Compliant

NA

No open burning or uncontrolled disposal of waste is practiced.

Compliant

Partially Compliant

Non-Compliant

NA

Battery waste is stored safely and disposed through CPCB-authorized recyclers.

Compliant

Partially Compliant

Non-Compliant

NA

Sludge from wastewater treatment is dried and handled safely.

Compliant

Partially Compliant

Non-Compliant

NA

## DOCUMENTATION & REPORTING – COMPLIANCE RECORDS

Environmental monitoring reports are submitted to authorities on schedule.

Compliant

Partially Compliant

Non-Compliant

NA

Annual Sustainability Report includes carbon footprint, waste, and energy data.

Compliant

Partially Compliant

Non-Compliant

NA

## ENERGY EFFICIENCY – OPERATIONS

Energy consumption per charger/EV production unit is monitored.

Compliant

Partially Compliant

Non-Compliant

NA

All lighting and HVAC systems use energy-efficient technologies (LED, inverter-based).

Compliant

Partially Compliant

Non-Compliant

NA

Motion sensors or timers are installed in low-occupancy areas.

Compliant

Partially Compliant

Non-Compliant

NA

Energy audits are conducted annually by accredited auditors.

Compliant

Partially Compliant

Non-Compliant

NA

Power factor correction and demand monitoring systems are operational.

Compliant

Partially Compliant

Non-Compliant

NA

MAINTENANCE – POLLUTION CONTROL & MONITORING

Air quality (PM10, PM2.5, CO, NOx) is monitored at prescribed intervals.

Compliant

Partially Compliant

Non-Compliant

NA

Noise levels are within statutory limits (below 75 dB daytime, 70 dB nighttime).

Compliant

Partially Compliant

Non-Compliant

NA

Stack emissions from DG sets are measured and recorded quarterly.

Compliant

Partially Compliant

Non-Compliant

NA

Oil-water separators are functional and maintained in good condition.

Compliant

Partially Compliant

Non-Compliant

NA

Sewage and wastewater treatment systems are operating effectively.

Compliant

Partially Compliant

Non-Compliant

NA

Water consumption data is monitored daily for conservation tracking.

Compliant

Partially Compliant

Non-Compliant

NA

RENEWABLE INTEGRATION – ENERGY SYSTEMS

Solar panels or renewable systems are installed and functional on-site.

Compliant

Partially Compliant

Non-Compliant

NA

Renewable energy share in total consumption is measured and reported.

Compliant

Partially Compliant

Non-Compliant

NA

Power generation and grid export data are recorded daily.

Compliant

Partially Compliant

Non-Compliant

NA

Solar or wind systems are inspected quarterly for performance efficiency.

Compliant

Partially Compliant

Non-Compliant

NA

Battery backup systems from renewable sources are maintained properly.

Compliant

Partially Compliant

Non-Compliant

NA

## RESOURCE CONSERVATION – WATER & MATERIAL

Rainwater harvesting system is installed and functional.

Compliant

Partially Compliant

Non-Compliant

NA

Treated wastewater is reused for gardening or cleaning where feasible.

Compliant

Partially Compliant

Non-Compliant

NA

Use of single-use plastics is banned within premises.

Compliant

Partially Compliant

Non-Compliant

NA

Green belt and plantation areas are maintained properly.

Compliant

Partially Compliant

Non-Compliant

NA

Procurement policy includes eco-friendly materials and packaging.

Compliant

Partially Compliant

Non-Compliant

NA

## SUPER CRITICAL – LEGAL & ENVIRONMENTAL COMPLIANCE

All environmental clearances (CPCB, SPCB, MoEFCC) are valid and available on-site.

Compliant

Partially Compliant

Non-Compliant

NA

Environmental management system (EMS) is implemented as per ISO 14001 standards.

Compliant

Partially Compliant

Non-Compliant

NA

All effluents and emissions are within permissible limits set by regulatory bodies.

Compliant

Partially Compliant

Non-Compliant

NA

Consent to Operate (CTO) and Consent to Establish (CTE) are obtained and renewed timely.

Compliant

Partially Compliant

Non-Compliant

NA

Environmental policy and sustainability commitments are displayed prominently.

Compliant

Partially Compliant

Non-Compliant

NA

## TRAINING & AWARENESS – SUSTAINABILITY PRACTICES

Employees are trained in waste segregation and environmental practices.

Compliant

Partially Compliant

Non-Compliant

NA

Posters and digital boards promote environmental safety and energy saving.

Compliant

Partially Compliant

Non-Compliant

NA

EHS team conducts periodic sustainability audits.

Compliant

Partially Compliant

Non-Compliant

NA