

The logo for EAMOT features the word "EAMOT" in a bold, dark teal, sans-serif font. The letter "T" is stylized with a red top bar, a white diagonal stripe, and an orange bottom bar. The background consists of a light gray hexagonal pattern on a white background.

EAMOT

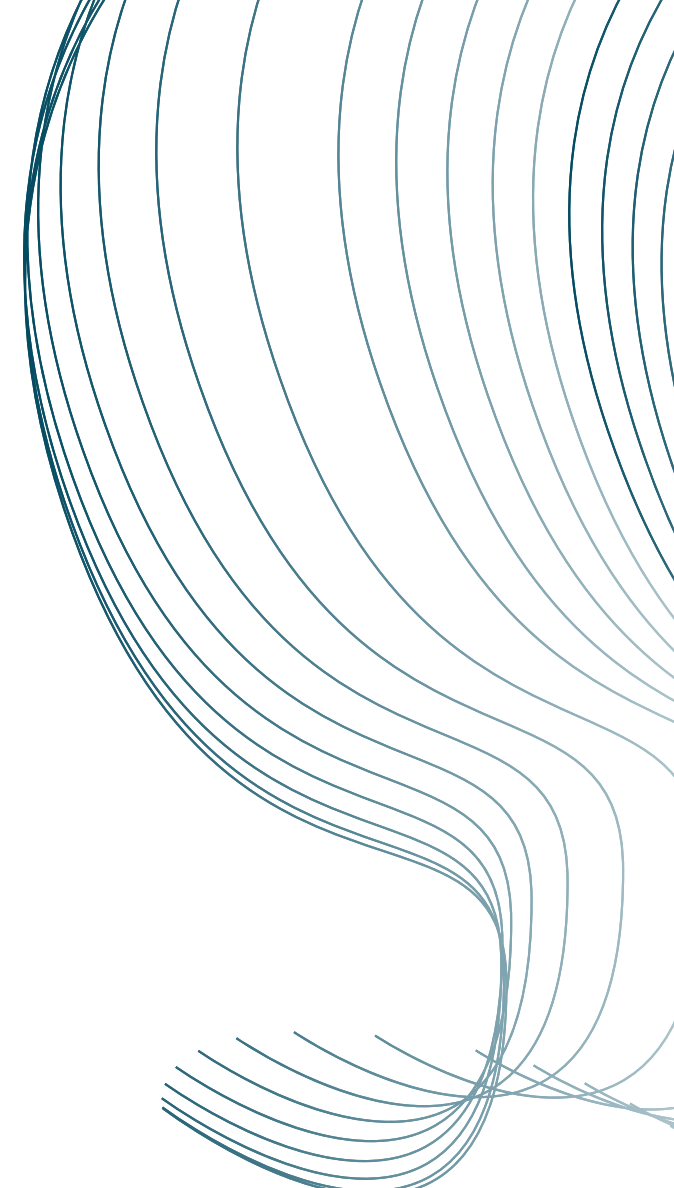
**POWERED BY IOT,
BACKED BY EXPERIENCE**

We specialize in providing cutting-edge technology solutions that help businesses and organizations monitor and manage their energy usage more efficiently and effectively.




Company Overview

Eamot is a team of seasoned professionals with extensive expertise in electromechanical equipment, software and hardware, service industry, and general administration and infrastructure. We offer a range of services, including AMC, consulting for green solutions, and assisting clients in transitioning to sustainable alternatives that reduce their environmental impact.



23 Years 

Experienced team of Electrical and Software Know-how



42 MW 


We have experience of serving over 42 MW Requirements



15 MW 

We have experience of serving over 15 MW Servo Stabilizer requirements



1300+ AMC 

In last 2 years we have served over 1300 AMCs PAN India

EAMOT Services

We specialize in providing cutting-edge technology solutions that help businesses and organizations monitor and manage their energy usage more efficiently and effectively.-

IoT and AMC Services



IoT-enabled monitoring solutions for diesel generators



Energy auditing and consulting services



Sustainable energy solutions



Predictive maintenance services



Customized energy management solutions



AMC & Allied Services

Consulting services



Emot Technologies provides energy auditing and consulting services to help organizations identify areas for improvement in their energy management practices.



Our team of experts conducts detailed assessments and provides actionable recommendations for energy optimization and cost savings.

Sustainable Energy Solutions



Our retrofit emission control devices reduce emissions from diesel generators and are compliant with environmental regulations.



Our dual fuel kits enable diesel generators to operate on a combination of diesel and natural gas, reducing fuel costs and emissions.



Our lithium-ion battery solutions provide reliable and efficient energy storage, enabling our clients to reduce their reliance on fossil fuels and minimize their environmental impact.

DGMS as IOT enabled Solution



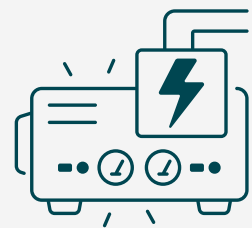
Real-time monitoring



Early detection



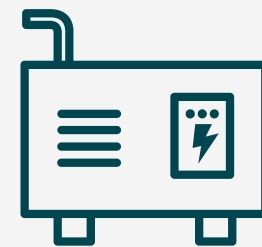
Predictive maintenance



Optimization of diesel generator, UPS, Stabilizer



Customized reporting and analytics



Integration of digital monitoring systems



Annual Maintenance Contracts

Our comprehensive AMC services for Diesel Generators, Stabilizers, and UPS ensure the smooth and reliable operation of your critical power systems. With a team of experienced technicians and engineers, we offer tailored maintenance contracts to meet your specific requirements. Here are some key points of our AMC services:



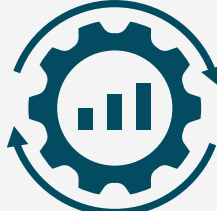
Regular Preventive Maintenance



Emergency Breakdown Support



Spare Parts Availability



Performance Optimization



Testing and Calibration



Regular Updates and Reporting



Expert Technical Support



Compliance with Safety Standards



1300+ AMC 
In last 2 years we have served over 1300 AMCs PAN India

Notification issued by Delhi Pollution Control Committee

Direction No. 71

**COMMISSION FOR AIR QUALITY MANAGEMENT
IN NATIONAL CAPITAL REGION AND ADJOINING AREAS**
17th Floor, Jawahar Vyapar Bhawan (STC Building)
Tolstoy Marg, New Delhi-110001

F. No. A-1 11018/01/ 2021-CAQM-Vol-V. 641 DT Dated: 09.02.2023

Subject: Directions under Section 12 of the Commission for Air Quality Management in National Capital Region and Adjoining Areas Act, 2021 - Regulations for use of DG sets for periods other than ban/restrictions under the GRAP in NCR

WHEREAS, Ministry of Environment, Forest and Climate Change, Government of India, in exercise of the powers conferred under Section 3 of the Commission for Air Quality Management in National Capital Region and Adjoining Areas Act 2021, has constituted the Commission for Air Quality Management in National Capital Region and Adjoining Areas (hereinafter referred to as the Commission);

WHEREAS, under Section 12 (1) of the Act, the Commission is vested with powers to take all such measures, issue directions, etc., as it deems necessary or expedient for the purpose of protecting and improving the quality of the air in the National Capital Region and Adjoining Areas;

WHEREAS, Section 12 (2) (ix) of the Act empowers the Commission to issue directions in writing to any person, officer, or any authority and such person, officer or authority shall be bound to comply with such directions;

WHEREAS, the Commission has repeatedly taken up the matter relating to air pollution with the State governments of Haryana, Rajasthan, Punjab, Uttar Pradesh and Government of NCT of Delhi and various organizations concerned of the Central and State Governments/ GNCTD and has issued various Directions, Advisories and Orders for effective implementation of measures for abating air pollution in NCR from time to time;

WHEREAS, the Commission has been highlighting that amongst others, uncontrolled use of Diesel Generator (DG) sets is a major contributing factor for deterioration of air quality in the region;

WHEREAS, in wake of generally prevailing adverse air quality in NCR during the winter season, the Commission vide its Directions No. 54-57 dated



A set of directions issued by the Central Pollution Control Board (CPCB) in India regarding the regulation of emissions from diesel generator sets

The directions specify the emission standards that must be met by the generator sets, the testing procedures to be followed, and the penalties for non-compliance. The directions also require the installation of continuous emission monitoring systems (CEMS) and the submission of regular reports to the CPCB. The aim of these directions is to control air pollution and protect public health.

Solution to the Directive by CPCB

Eamot provides sustainable energy solutions, such as retrofit emission control devices, dual fuel kits, and lithium-ion battery solutions. We collaborate with our clients to develop tailored solutions that meet their unique energy needs while promoting sustainability.

Retrofit Emission Control Device

Our retrofit emission control devices reduce emissions from diesel generators and are compliant with environmental regulations

Dual Fuel Kits

Our dual fuel kits enable diesel generators to operate on a combination of diesel and natural gas, reducing fuel costs and emissions.

Lithium Ion Battery

Our lithium-ion battery solutions provide reliable and efficient energy storage, enabling our clients to reduce their reliance on fossil fuels and minimize their environmental impact.

Retro Fit Emission Control Device

Smooth Operation
Engine back
pressure under
permissible limit



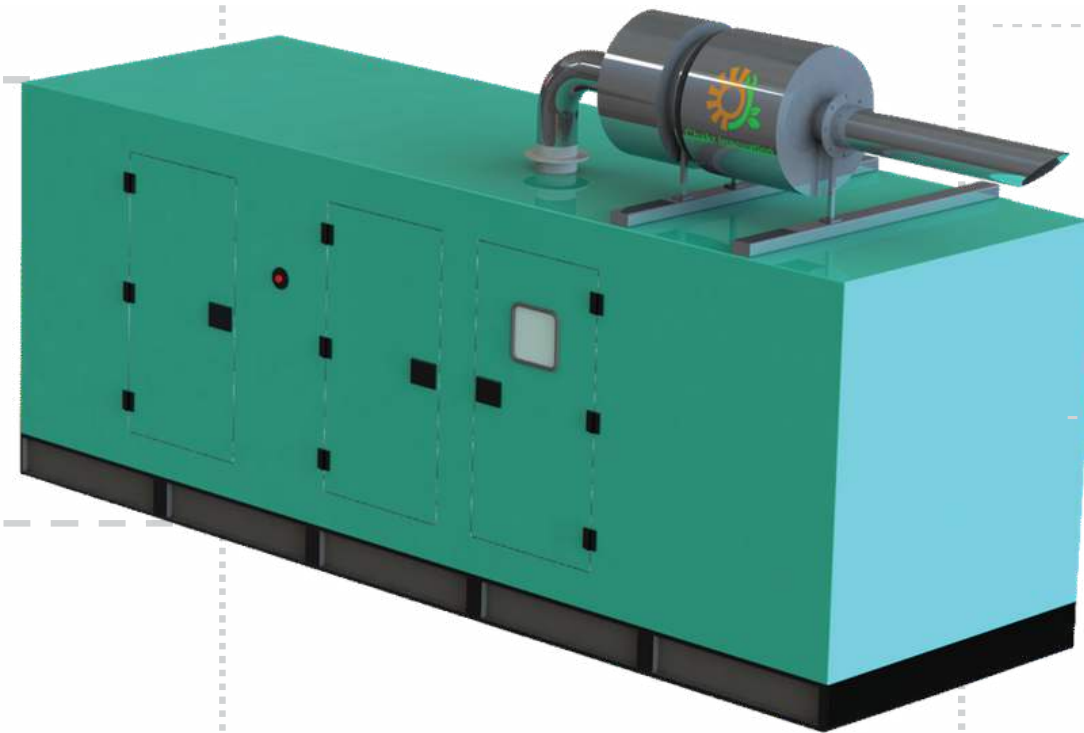
Long Product Life
Robust product with
life over 10 years



**Patented
Technology**
Reduces over 70%
Particulate Matter



Modular Design
Minimal space
requirement



**Type Approved for
Performance by CPCB
accredited lab**



**Minimal Energy
Requirement <1% of
the operating
capacity**

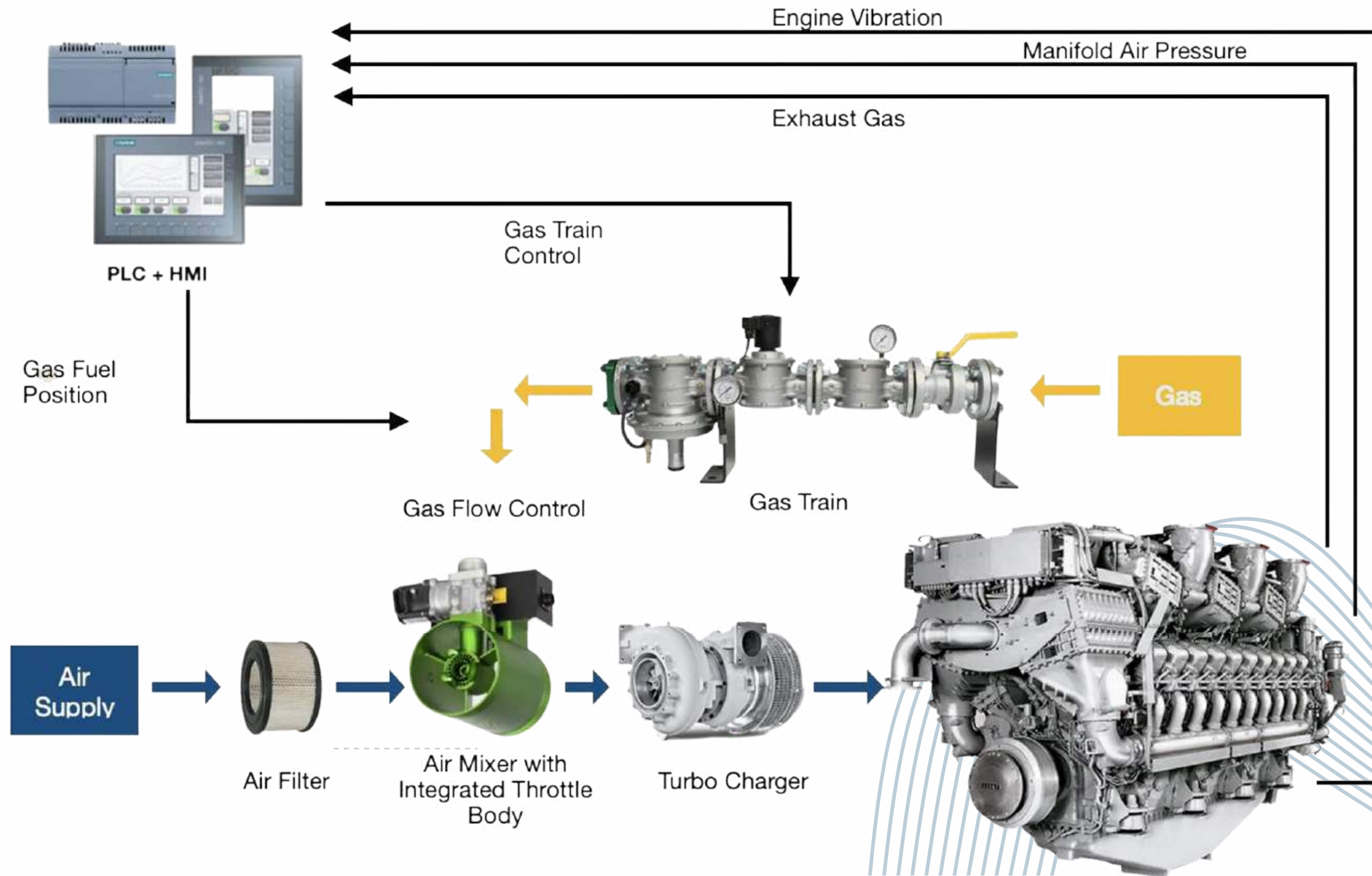


Low Maintenance
No consumables
required



**Qualifies for
Accelerated
Depreciation
by the Govt. of India**

Duel Fuel Kit



Certification and Approvals

CPCB Type approval procedure for RECD released on 01 Feb 2022

Pollution Control Series
PCL/12/2021-22



System and Procedure

For

Emission Compliance Testing of Retro-fit Emission Control Devices (RECD)
For Diesel Power Generating Set Engines
Up to Gross Mechanical Power 800 kW

01/02/2022

CENTRAL POLLUTION CONTROL BOARD, NEW DELHI
(Ministry of Environment, Forests and Climate Change, Govt. of India)

Type Approval from the Central Pollution Control Board (CPCB)

INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY
[A Division of NATRIP Implementation Society (NATIS), Govt. of India]

C O R G 0991 Date : 27th September 2022

TYPE APPROVAL CERTIFICATE

Cur.	Report	Specs	Org	Total
02	07	03	11	23 pgs

FOR
Retro-fit Emission Control Devices (RECD) Compliance

- Based on the verification of documents & tests conducted on RECD model "Cher Shield 2.0" Family designation C1-RS for before mentioned manufacturer and it is certified that the following RECD model complies with the provisions of Type Approval of CPCB System Procedure for Retro-fit Emission Control Devices (RECD) Compliance in Diesel Power Generating Set Engines Up to Gross Mechanical Power 800 kW, as per NGT Order/Report filed in O.A. No. 881/2019 dated 06.08.2019.

Documental Reference	RECD Manufacturer	
Current Certificate		
RECD Family Designation	Engine Manufacturer	RECD Model
C1-RS	M/s. Cummins India Limited	Shield 2.0
Tested Engine Model	Engine Cubic Capacity	Gross Engine Power
6BTAAS.9 01-1	5883 cm ³	112 kW @ 1500 rpm
Engine Baseline emissions	CPCB Stage -1	Class of RECD
	Class II	Engine Manufacturing Date
		November 2007

- Validity of the Certificate

This Type Approval Certificate is valid for Diesel engines CPCB Stage -1 effective from 01-07-2007 to 01-07-2014, and in addition to	a. As per System and procedure for Emission Compliance of Retro-fit Emission Control Devices (RECD) for Diesel Power Generating Set Engines up to Gross Mechanical power 800kW as per NGT Order/Report filed in O.A. No. 881/2019 dated 06.08.2019 or until further amendment in the MoEFCC rule, whichever is earlier. b. No change in specified RECD technical specifications.
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- It is certified that the above RECD Model (Details listed in Annexure-I) comply with the emission limits for Retro-fit Emission Control Devices (RECD) to Diesel Power Generating Set Engines Up to Gross Mechanical Power 112 kW, as prescribed under the following rules notified by Ministry of Environment, Forest and Climate Change (MoEFCC), Govt. of India:

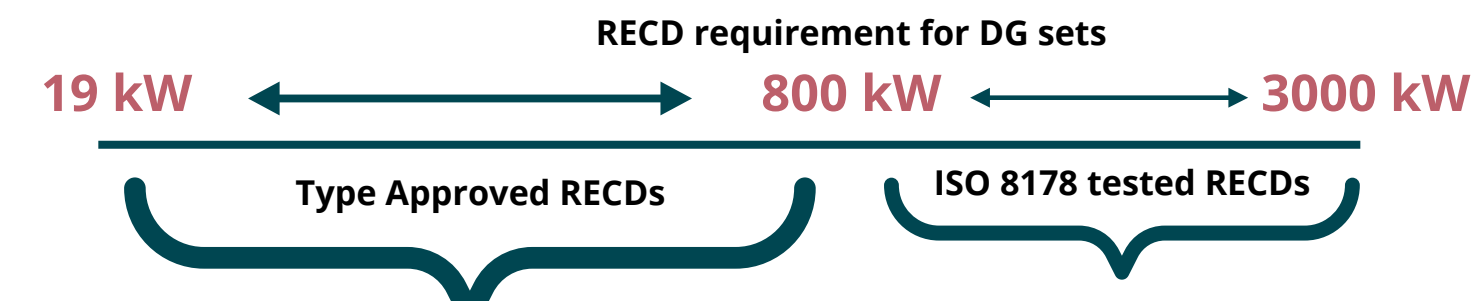
Rule No.	Description	Date
CPCB-PCL/12/2021-22	System and procedure for Emission Compliance of Retro-fit Emission Control Devices (RECD) for Diesel Power Generating Set Engines up to Gross Mechanical power 800kW as per NGT Order/Report filed in O.A. No. 881/2019 dated 06.08.2019.	30.12.2021
- COP : COP shall be completed by 30.06.2022 as per CPCB Procedure, for details refer COP-Annexure.

Please Sign over for Client/Owner

AUTHORISED SIGNATORY	
 VIJAYANTA ARUJA DEPUTY GENERAL MANAGER	 PAMELA TIKKU DIRECTOR (Offc.)

Office Address : Centre-I : Plot No.-26, Sector-3, HSIDC, IMT-Manesar, Gurugram-122050, Haryana (India)
Centre-II : Plot No.-01, Sector-M-11, HSIDC, IMT-Manesar, Gurugram-122051, Haryana (India)

- On 1st February 2022, Central Pollution control board (CPCB) released System and Procedure for Emission compliance testing of RECDs for DG sets
- Type approval laid down the applicability and requirements of system and procedures for compliance of NGT order dated 06.08.2019
- Type approval is with the objective for Particulate matter (PM) reduction by over 70% by using RECD for in-use DG sets
- For DG sets over 1000 kVA or 800 kW, state notification requirement for RECD to be tested over ISO 8178 5 mode D2 cycle for equivalent kVA by one of the five CPCB labs is applicable

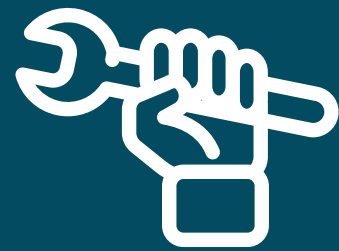


Our USPs



IoT-Enabled Solutions

Our IoT-enabled solutions enable organizations to optimize energy usage, reduce costs, and minimize environmental impact. With automated monitoring and data analysis, preventive maintenance measures, and remote control capabilities, we help our clients achieve efficient and reliable energy management.



Experienced Technicians

We have a team of experienced technicians who are well-versed in the installation, maintenance, and repair of diesel generator and servo stabiliser. We are equipped with the latest tools and technology to ensure efficient and effective maintenance.



Regular Servicing

We offer regular servicing of the diesel generator and servo stabilizer to ensure that it is functioning optimally. Regular maintenance can help prevent breakdowns and prolong the lifespan of the equipment.



Emergency Repairs

We offer emergency repair services to address any unexpected breakdowns or malfunctions of the diesel generator & servo stabilizer. We are available round the clock to provide timely assistance.

Our USPs



Genuine Spare Parts

We use genuine spare parts for repairs and replacements. This can help ensure the longevity and efficiency of the diesel generator & servo stabilizer.



Load Testing

We conduct load testing on the diesel generator & servo stabilizer to ensure that it is capable of handling the required load. This can help prevent power outages and ensure the smooth functioning of the equipment.



Manufacturer's Guidelines and Training

We follow the manufacturer's manual and checklist, and provide training to our service men to ensure optimal functioning of the equipment.



Real-Time Monitoring Solutions

Advanced monitoring solutions for diesel generators and servo stabilizers, leveraging IoT technology to enable real-time data analysis, predictive maintenance, and remote management capabilities



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