



Pre-Installation Checklist – Diesel Generators

(To be completed before commissioning or start-up inspection)

Section 1 – Project & Equipment Details

Project Name		Date of Inspection	
Location		Phone / Email	
Model / kVA Rating		Serial No.	
Site Contact		Customer	

Section 2 – Foundation & Mounting

Generator and base installed per layout / drawing

Anchor bolts tightened and grouted

Anti-vibration mounts / spring isolators installed

Access and ventilation space verified

Section 3 – Fuel System

Day tank and main tank installed, pressure tested, and inspected

Fuel piping connected with supports and no leaks

Fuel level 30–95 % filled

Return line routed to top of tank

Fuel gauge and level switches installed and tested



Section 4 – Cooling System

Radiator and supports installed

Coolant level and sensors verified

Hoses, clamps, and piping secure

Coolant expansion tank connected and filled

Air flow unobstructed

Section 5 – Exhaust System

Exhaust piping / silencer installed and supported

Expansion bellows aligned (no tilt / stress)

Rain cap installed

Exhaust route safe, sealed, and leak-free

Section 6 – Lubrication System

Engine oil added to recommended level

Lube-oil piping and breathers connected

No leaks visible



Section 7 – Electrical & Controls

LV Switchgear tested and complete

Generator power leads, neutral, and ground connected

ATS utility/load leads connected and grounded

Two-wire start / control cable terminated

Space / alternator heaters wired

Remote annunciator wired and tested

Section 8 – Battery & Starting System

Batteries installed (not connected until start-up)

Charger mounted and wired (not energized yet)

Jacket water heater wired to correct voltage (power OFF until start-up)

Cranking test planned

Section 9 – Site & Safety

Work area clean and free of debris

Rodent guards installed

Adequate lighting and ventilation

Labels and tags attached



Section 10 – Pre-Start Readiness

Cooling, fuel, and oil systems filled

Electrical connections verified

All installation photos captured

System ready for start-up scheduling

Final Sign-Off

Name	Role	Signature
Contractor / Installer		
Client / Consultant		
GPH Engineer		