








## Emergency Shutdown Checklist for Generators (GPH Edition)

### Purpose:





To ensure a fast, safe, and controlled shutdown of diesel generators during emergencies such as fire, fuel leak, overload, smoke, vibration, or electrical fault.

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### 1. Immediate Safety Actions

-  Activate Emergency Stop Button (E-STOP)
  -  Disconnect load from generator (if safe to do so)
  -  Check for fire hazards near fuel tank, exhaust, or alternator
  -  Evacuate unauthorized personnel from generator area
  -  Alert site supervisor / emergency team immediately
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### 2. Fuel & Fire Hazard Check






-  Inspect fuel system for leaks or burst pipes
  -  Confirm fire extinguisher availability
  -  Ensure no flame, spark, or heat source near generator
  -  Check for fuel smell around generator
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### 3. Electrical & Control System Check







-  Inspect main breaker & panel for burning smell
-  Note any alarms:
  - High temperature
  - Low oil pressure
  - Overload
  - Over/under voltage
  - Frequency fault
-  Record final control panel readings before power-down (if possible)



#### 4. Engine & Mechanical Safety









-  Activate Emergency Stop Button (E-STOP)
  -  Disconnect load from generator (if safe to do so)
  -  Check for fire hazards near fuel tank, exhaust, or alternator
  -  Evacuate unauthorized personnel from generator area
  -  Alert site supervisor / emergency team immediately
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#### 5. Secure Shutdown Condition

-  Engine completely stopped
  -  Fuel supply valve closed (if required)
  -  Battery isolator switch turned OFF (if instructed)
  -  Clear area of debris or oil spills
  -  Prevent unauthorized restart
  -  Place “DO NOT OPERATE – EMERGENCY SHUTDOWN” tag
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#### 6. Record & Report

Fill in log details:

-  Date & Time of Shutdown: \_\_\_\_\_
  -  Reason for Emergency Shutdown: \_\_\_\_\_
  -  Technician Name: \_\_\_\_\_
  -  Fault/Alarm Indication: \_\_\_\_\_
  -  Immediate Actions Taken: \_\_\_\_\_
  -  Reported To: \_\_\_\_\_
  - Signatures:
  -  Technician: \_\_\_\_\_
  -  Supervisor: \_\_\_\_\_
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#### Why This Checklist Matters

Emergency shutdowns prevent generator damage, electrical fires, and safety risks. A documented checklist ensures controlled shutdown, protects equipment, and supports insurance or warranty claims.