

1. SYSTEM STATUS

- Generated: 17-Jun-2025 08:30
- Model Used: SVM
- Cloud Status: Offline

2. FAULT ANALYSIS

- Detected: T2 (68.0%)

3. GAS ANALYSIS (ppm)

H# : 45.35 ppm
CH# : 1272.64 ppm
C#H# : 42.16 ppm
C#H# : 317.80 ppm
C#H# : 30.52 ppm
CO : NaN ppm
CO# : NaN ppm
H#O : NaN ppm

Note: Analysis uses H#, CH#, C#H#, C#H#, C#H#, CO

5. MODEL PERFORMANCE

Model Type: SVM

Validation Accuracy: 89.7%

Training Date: 17-Jun-2025

4. AI DIAGNOSIS

GAS CONCENTRATIONS:

H2: 50.0 ppm
CH4: 120.0 ppm
C2H6: 66.0 ppm
C2H4: 80.0 ppm
C2H2: 5.0 ppm
CO: 360.0 ppm
CO2: 25.0 ppm
H2O: 15.0 ppm
Temp: 75.0 °C
Load: 85.0 %

SVM DIAGNOSIS REPORT

Predicted Fault: T2 (68.0% confidence)