

1. SYSTEM STATUS

- Generated: 19-Jul-2025 19:02
- Model Used: SVM
- Cloud Status: Offline

2. FAULT ANALYSIS

- Detected: Detected Fault: T2 (Thermal 700°C < T # 700°C)

3. GAS ANALYSIS (ppm)

H# : 10.00 ppm
CH# : 138.00 ppm
C#H# : 28.00 ppm
C#H# : 52.00 ppm
C#H# : -1.00 ppm
CO : 313.00 ppm
CO# : 1674.00 ppm
H#O : 21.00 ppm

5. MODEL PERFORMANCE

Model Type: SVM
Validation Accuracy: 100.0%
Training Date: 19-Jul-2025

Confidential - Transformer Diagnostics System

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: T1 (72.8% confidence)

GAS CONCENTRATIONS: