TRANSFORMER DIAGNOSTIC REPORT

1. SYSTEM STATUS

• Generated: 17-Jun-2025 08:31
• 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)

GAS CONCENTRATIONS: