

Record Details

Transformer No	TX-0002
Pole No	EN-102
Region	Kandy
Type	Bulk
Capacity (KVA)	1000
Location	Market Square
Inspection Number	20005
Inspection Date	202595

Detected / Annotated Anomalies

Type	Category	Location (x,y,w,h)	Severity / Confidence	Source	Details
Point Overload (Faulty)	point_overload	73, 132, 78, 100	Faulty / 0.98	AI detected	
Point Overload (Faulty)	point_overload	161, 132, 79, 104	Faulty / 0.98	AI detected	
Point Overload (Faulty)	point_overload	253, 133, 77, 101	Faulty / 0.99	AI detected	
Point Overload (Potentially Faulty)	point_overload	80, 216, 20, 13	Potentially Faulty / 0.99	AI detected	

Maintenance Record

11/29/2025, 2:16:48 PM

Source: server:transformer_inspection

Inspector	Suren G.B.
Status	Needs Maintenance
Voltage	251
Current	133
Recommended Action	Perform oil filtration, inspect LV bushing for surface tracking, and tighten secondary terminal lugs.
Additional Remarks	Slight humming noise detected under peak load. Oil color slightly dark; moisture presence suspected. No visible oil leaks.

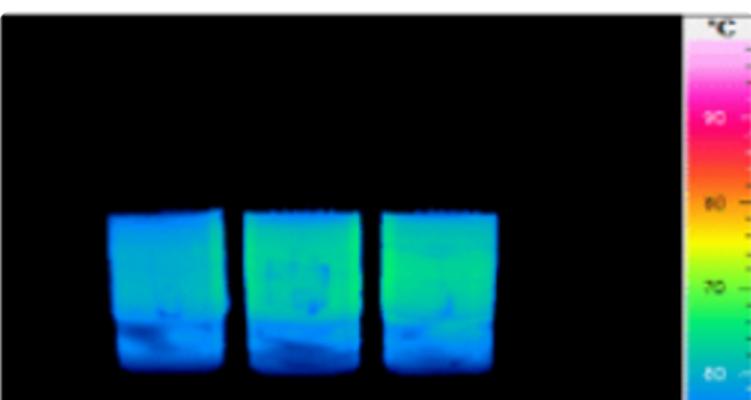
Rectification

Name	M. Jayawardena
Status	OK
Voltage	230
Current	118
Remarks	Noise level normalized. Insulation resistance improved after cleaning. Transformer operating within safe limits.

Re-inspection

Name	R. Dilshan
Status	OK
Voltage	229
Current	116
Remarks	All parameters within normal operating range. No abnormalities observed after 48-hour load test.

Baseline



Maintenance

