

Thermal Imaging Report

Scanned 22 September 2026 · Reported 30 September 2026
Time of inspection 16 Sep 2026, 8:24 AM

CUSTOMER DETAILS

Victorian Education Colleges

Contact	John Citizen
Phone	(03) 5550 0142
Email	facilities@viceducolleges.example

SITE DETAILS

Melbourne State College

Address	1 Elizabeth Street, Melbourne, VIC, 3000, AU
Site type	Education (School/Campus)
Site contact	Jane Citizen · (03) 5550 0188 · office@melbournestatecollege.example
Recommended re-scan date	22 March 2027

MY DETAILS

SwitchReport Pty Ltd
203-205 Blackburn Road, Floor 1
Mount Waverley VIC 3149
03 9000 9000
support@switchreport.app

THERMOGRAPHER

Scanned by	John Citizen
Qualification	Category I (AINDT)
Certification no.	AINDT-12345
Electrical licence	A-Grade / Unrestricted (VIC)

Summary of Electrical Inspections

Every item inspected is listed below. Those where a thermal anomaly was identified are reported as exceptions and assessed against the Priority Criteria, which are set out on the previous page. Equipment that could not be inspected, for example locked, not under load, or unsafe to open, carries no temperature reading and so does not appear in this table. No items were recorded as unable to be inspected during this visit. It is the responsibility of the client to identify the method to rectify the fault observed.

42 items inspected · **12 exceptions reported**

findings by priority

exceptions		no exception	
0× P1 Fault	2× P2 Alert	10× P3 Monitor	30× P4 Good

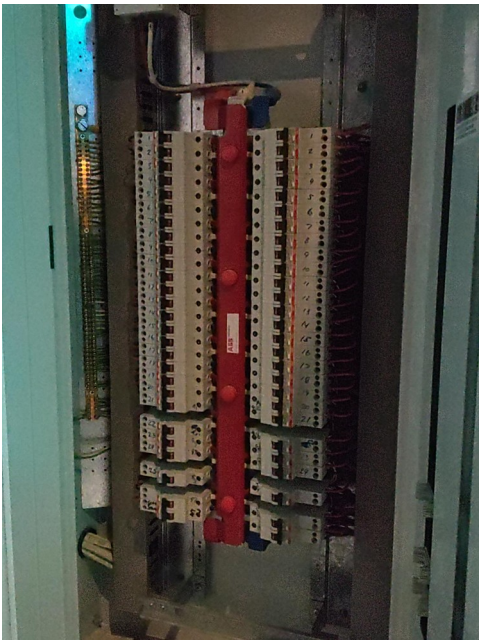
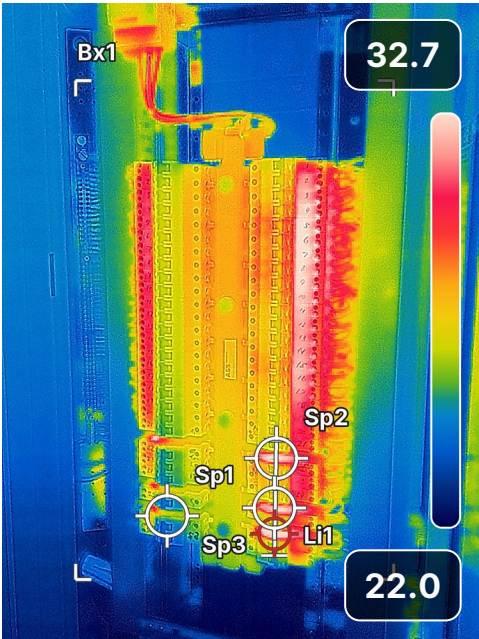
Summary of Reported Equipment

Equipment name / ID	Component	ΔT	Page	Priority
UV Filtration Control Board RHS C Block > Basement > Pool Tank Room	Ballast heatsink fin connector	23.5 °C	10	2 Alert
MSB-B Main Switchboard B Block > Ground Floor > Main Switchroom	Left-hand breaker termin...	20.6 °C	11	2 Alert
UV Filtration Control Board LHS C Block > Basement > Pool Tank Room	Terminal block on electronic...	19.1 °C	12	3 Monitor
BMS DDC Controller Panel B Block > Level 1 > Plant Room	DIN rail module, third row	16.5 °C	13	3 Monitor
Generator Changeover Isolator B Block > External > Generator Enclosure	Lower busbar bar, changeov...	13.5 °C	14	3 Monitor
Dosing Pump Control Panel 1 C Block > Basement > Loading Dock	Transformer or relay, left of...	12.8 °C	15	3 Monitor
MSSB-B1 Mechanical Services Switchboard B Block > Level 1 > Plant Room	Right-hand column breake...	12.0 °C	16	3 Monitor
Pool Plant Controller C Block > Ground Floor > Pool Plant Room	Relay terminal, upper control...	11.9 °C	17	3 Monitor
DB-12 B Block > Ground Floor > Main Switchroom	Main isolator terminal, left...	11.7 °C	18	3 Monitor
Unnamed B Block > Ground Floor > Main Switchroom	Contactor terminal, top left	11.2 °C	19	3 Monitor

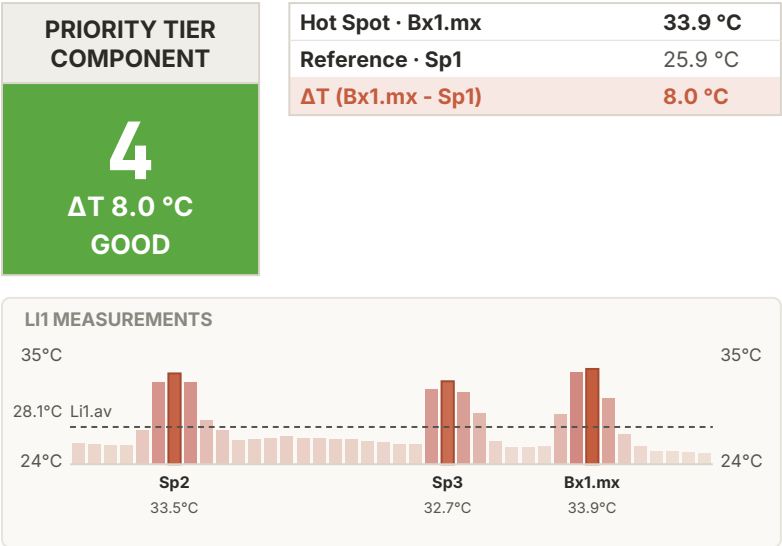
30. DB-A2L Level 1 Lighting

Date & Time
16 Sep 2026, 12:07 PM

Area/Location	A Block > Level 1 > Library		
Equipment/Board ID	DB-A2L Level 1 Lighting	Component	Lower right bank breaker terminal
Description	Lighting distribution board containing multiple rows of single-pole circuit breakers on DIN rail, with a red busbar backbone. Board interior appears dusty.		



Camera **FLIR i34** FOV **38° x 49°**
Serial **184001207** Emissivity **0.95**
Reflected temp. **25.0 °C** Object distance **1.0 m**
Ambient temp. **25.0 °C** Humidity **50 %**



Line Readings

Li1.av	28.1 °C	Sp2	33.5 °C
Sp3	32.7 °C		

Observation and summary

The terminal on the lower right breaker is warmer than the same point on the breaker beside it, though the reading itself is only warm. The heat sits right on that one connection and doesn't carry along the row.

Repair Notes

No repair required.