

INFRARED ELECTRICAL INSPECTION REPORT

April 20, 2026

INSPECTION SITE INFORMATION

Customer	
Address	
Contact Person	
Phone Number	
E-mail Address	
Thermographer	Melissa Cox
Inspection Date	April 20, 2026

FAULT RATING SCALE

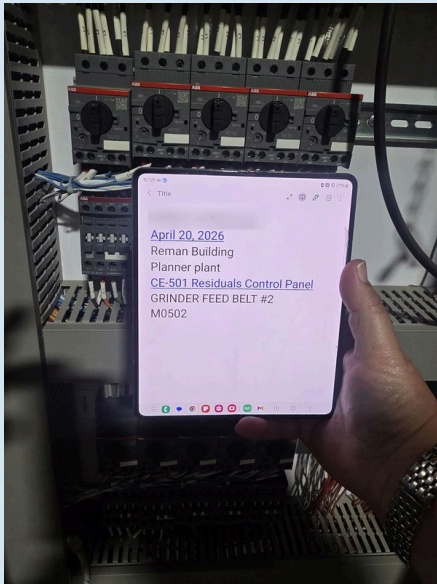
Rating	Grade	Temp Rise	Action
0	Normal	0–5 °C	No action required
1	Low Grade	5–10 °C	Monitor – Plan new inspection
2	Medium Grade	10–35 °C	Repair at scheduled shutdown
3	CRITICAL / SEVERE	> 35 °C	REPAIR IMMEDIATELY

FINDING SUMMARY

Location	Equipment	Fault	Recommendation
Reman Building – Planner Plant	CE-501 Residuals Control Panel – Grinder Feed Belt #2 – Wire Connection M0-502	3	CRITICAL – Repair Immediately

DETAILED FINDING

Photo and Identification	Location	Reman Building – Planner Plant
	Panel	CE-501 Residuals Control Panel
	Equipment	Grinder Feed Belt #2
	Connection	M0-502
	Nom Load	67
	Actual Load	157.8 (Max 170°F)



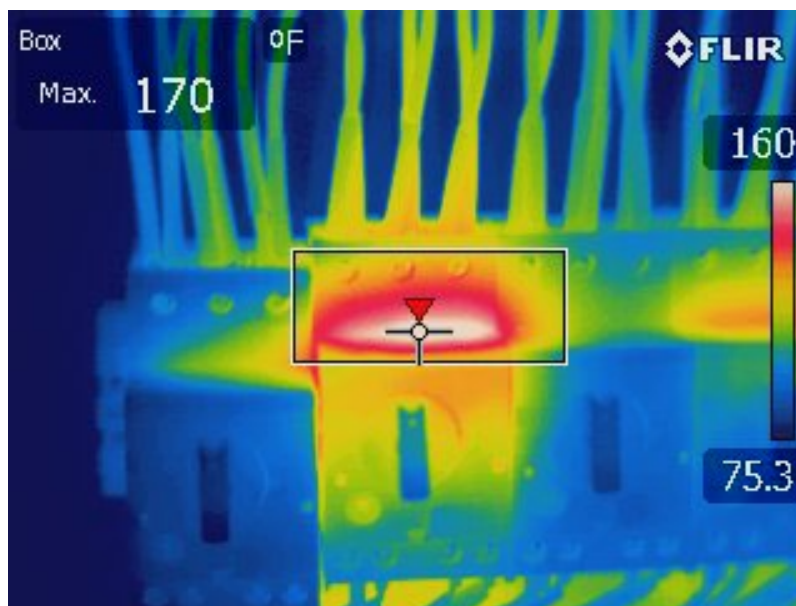
Fault

3 – CRITICAL

Recommendation

Repair Immediately

FLIR Thermogram – April 20, 2026



ANALYSIS & RECOMMENDED ACTION

Finding:

Reman Building – Planner Plant – CE-501 Residuals Control Panel – Grinder Feed Belt #2 – Wire Connection M0-502

Assessment:

The infrared scan detected a CRITICAL (Level 3) fault at wire connection M0-502 on the Grinder Feed Belt #2 circuit within the CE-501 Residuals Control Panel. The thermogram shows a maximum temperature of

170°F – significantly above the nominal load baseline of 67°F – representing a temperature differential well in excess of 35°C, which meets the threshold for immediate corrective action.

Recommended Action:

REPAIR IMMEDIATELY. De-energize the circuit, inspect and tighten or replace wire connection M0-502, verify breaker integrity, and re-test under load. Do not defer this repair. Failure to act promptly may result in equipment damage, fire hazard, or production shutdown.

REPORT PREPARED BY

Thermographer: Melissa Cox	Date: April 20, 2026
Louisiana Infrared 318.207.0220	www.louisianainfrared.com

INSPECTED ELECTRICAL EQUIPMENT LIST

April 20, 2026 – , LA

LOCATION	EQUIPMENT ID	PRIORITY
MAN STACKER	CONTROL PANEL	NO PROBLEM
	110 PANEL	NO PROBLEM
	480 PANEL	NO PROBLEM
	INFEED INCLINE MOTOR	NO PROBLEM
	INFEED CHAIN MOTOR	NO PROBLEM
	GANTRY MOTOR	NO PROBLEM
	ROLLER MOTOR	NO PROBLEM
	STICK CONVEYOR MOTOR	NO PROBLEM
	HYDRAULIC PUMP MOTOR	NO PROBLEM
	OUTFEED CHAIN MOTOR	NO PROBLEM
BOILER ROOM	AIR COMPRESSOR MOTOR	NO PROBLEM
	WALKING FLOOR HYDRAULIC PUMP MOTOR	NO PROBLEM
	VIBRATING CONVEYOR MOTOR	NO PROBLEM
	BLOWER MOTOR FOR CONVEYOR	NO PROBLEM
	WATER PUMP MOTOR	NO PROBLEM
	WATER PUMP 2 MOTOR	NO PROBLEM
	FUEL PUMP MOTOR	NO PROBLEM
	OVER FIRE PAN MOTOR	NO PROBLEM
	FEED BEND TO CONVEYOR	NO PROBLEM
	OVER FIRE BLOWER MOTOR	NO PROBLEM
	UNDER FIRE PAN MOTOR	NO PROBLEM
	UPDRAFT "ID FAN" MOTOR	NO PROBLEM
	ASH CONVEYOR MOTOR	NO PROBLEM
	MULTI CYCLONE MOTOR 1	NO PROBLEM
	MULTI CYCLONE MOTOR 2	NO PROBLEM
	H1 PANEL	NO PROBLEM
	PLC PANEL	NO PROBLEM
	KILN #1 FAN PANEL	NO PROBLEM
	KILN #2 FAN PANEL – MAIN DISCONNECT	NO PROBLEM
	AIR DRYER 1	NO PROBLEM
	KILN CONTROL PANEL	NO PROBLEM
	NEEDERMAN AUGGER 1 MOTOR	NO PROBLEM

	NEEDERMAN AUGGER 2 MOTOR	NO PROBLEM
	NEEDERMAN PADDLE #1 CONVEYOR MOTOR	NO PROBLEM
	NEEDERMAN AUGGER 3 MOTOR	NO PROBLEM
	NEEDERMAN AUGGER 4 MOTOR	NO PROBLEM
	NEEDERMAN PADDLE 2 MOTOR	NO PROBLEM
	NEEDERMAN MAIN FAN 1 MOTOR	NO PROBLEM
	NEEDERMAN MAIN FAN 2 MOTOR	NO PROBLEM
	NEEDERMAN CONVEYOR VFD PNL PANEL	NO PROBLEM
	AUGGER PANEL	NO PROBLEM
	BACKHOUSE CHAIN MOTOR	NO PROBLEM
	AIRLOCK MOTOR	NO PROBLEM
	BOILER ROOM OFFICE	NO PROBLEM
	KILN #2 FAN PANEL	NO PROBLEM
	MAIN DISCONNECT PHASE ORANGE	NO PROBLEM
KILN 2	FAN 1 MOTOR	NO PROBLEM
	FAN 2 MOTOR	NO PROBLEM
	FAN 3 MOTOR	NO PROBLEM
	FAN 4 MOTOR	NO PROBLEM
KILN 1	FAN 1 MOTOR	NO PROBLEM
	FAN 2 MOTOR	NO PROBLEM
	FAN 3 MOTOR	NO PROBLEM
	FAN 4 MOTOR	NO PROBLEM
HOLTEC	CHAIN MOTOR	NO PROBLEM
	HYDRAULIC MOTOR 1	NO PROBLEM
	HYDRAULIC MOTOR 2	NO PROBLEM
	CONVEYOR MOTOR	NO PROBLEM
WEMIA CHIPPER	GRINDER FEEDER BELT MOTOR 1	NO PROBLEM
	GRINDER FEEDER BELT MOTOR 2	NO PROBLEM
	VIBRATING TABLE MOTOR 1	NO PROBLEM
	FEEDER MOTOR 1	NO PROBLEM
	FEEDER MOTOR 2	NO PROBLEM
	FEEDER MOTOR 3	NO PROBLEM
	FEEDER MOTOR 4	NO PROBLEM
	FEEDER MOTOR 5	NO PROBLEM
	FEEDER MOTOR 6	NO PROBLEM
	FEEDER MOTOR 7	NO PROBLEM

	FEEDER MOTOR 8	NO PROBLEM
	FEEDER MOTOR 9	NO PROBLEM
	FEEDER MOTOR 10	NO PROBLEM
	FEEDER MOTOR 11	NO PROBLEM
	FEEDER MOTOR 12	NO PROBLEM
	HYDRAULIC PUMP MOTOR	NO PROBLEM
	MAIN MOTOR	NO PROBLEM
	WEMIA CHIPPER PANEL	NO PROBLEM
	TRIM SAW #2	NO PROBLEM
	INFEED MOTOR 1	NO PROBLEM
	INFEED MOTOR 2	NO PROBLEM
	INFEED MOTOR 3	NO PROBLEM
	INFEED MOTOR 4	NO PROBLEM
	INFEED MOTOR 5	NO PROBLEM
	INFEED MOTOR 6	NO PROBLEM
	INFEED MOTOR 7	NO PROBLEM
	MOLDER INFEED HYDRAULIC MOTOR	NO PROBLEM
JOULIN	JOULIN MOTOR 1	NO PROBLEM
	JOULIN MOTOR 2	NO PROBLEM
	JOULIN INFEED MOTOR 1	NO PROBLEM
	JOULIN INFEED MOTOR 2	NO PROBLEM
	CE-206 JOULIN AT BNG	NO PROBLEM
	CE-305 BNG PACKAGE I/F CONTROL PANEL	NO PROBLEM
	CE-301 BAND-N-GROOVE LINE CONTROL PANEL	NO PROBLEM
CCA PLANT	CHEMINEER MOTOR	NO PROBLEM
	CHEMINEER CONCENTRATE PUMP	NO PROBLEM
	CCA TANK 1 CHEMINEER MOTOR	NO PROBLEM
	CCA TANK 2 CHEMINEER MOTOR	NO PROBLEM
	SEAL PUMP MOTOR	NO PROBLEM
	SEAL WATER RETURN PUMP MOTOR	NO PROBLEM
	CCA VACUUM MOTOR	NO PROBLEM
	AIR COMPRESSOR FEED DISCONNECT	NO PROBLEM
	VACUUM PUMP PANEL	NO PROBLEM
	BACKUP AIR COMPRESSOR FEED DISCONNECT	NO PROBLEM
	CYLINDER DOOR HYDRAULIC PANEL	NO PROBLEM
	SEAL WATER PUMP CONTROLLER PANEL	NO PROBLEM

	CCA CONCENTRATE PUMP PANEL	NO PROBLEM
	MAIN FEED FROM 30A TATE ROOM DISCONNECT	NO PROBLEM
	MIX MOTOR	NO PROBLEM
	PRESSURE PUMP MOTOR	NO PROBLEM
	CCA STRIP MOTOR	NO PROBLEM
	CYLINDER DRAWER HYDRAULIC MOTOR	NO PROBLEM
	TRANSFER DECK HYDRAULIC MOTOR	NO PROBLEM
	TRANSFER DECK CONTROL PANEL	NO PROBLEM
	CCA TANK 3 CHEMINEER MIXER MOTOR	NO PROBLEM
	FRT-TANK MOTOR	NO PROBLEM
REMAN BUILDING	CE-401	NO PROBLEM
	BAND SAW LINE CONTROL PANEL	NO PROBLEM
	NEWMAN TRIM SAW MOTOR 1	NO PROBLEM
	NEWMAN TRIM SAW MOTOR 2	NO PROBLEM
	NEWMAN TRIM SAW MOTOR 3	NO PROBLEM
	NEWMAN TRIM SAW MOTOR 4	NO PROBLEM
	NEWMAN TRIM SAW MOTOR 5	NO PROBLEM
	NEWMAN TRIM SAW MOTOR 6	NO PROBLEM
	NEWMAN TRIM SAW MOTOR 7	NO PROBLEM
	CONVEYOR BELT MOTOR 1	NO PROBLEM
	MOLDER SAW MOTOR 1	NO PROBLEM
	MOLDER SAW MOTOR 2	NO PROBLEM
	MOLDER SAW MOTOR 3	NO PROBLEM
	MOLDER SAW MOTOR 4	NO PROBLEM
	MOLDER SAW MOTOR 5	NO PROBLEM
	MOLDER SAW MOTOR 6	NO PROBLEM
	MOLDER SAW MOTOR 7	NO PROBLEM
	CONVEYOR BELT MOTOR 1	NO PROBLEM
	CONVEYOR BELT MOTOR 2	NO PROBLEM
	MOLDER SAW 1 CONTROL PANEL – CE-101 STILES LINE – BREAKER KM BLOCK BELT #2 105	NO PROBLEM
	STILES O/F CHAINS MOTOR	NO PROBLEM
	CE-105 STILES PACKAGE I/F CONTROL PANEL	NO PROBLEM
	CE-106 JOULIN AT STILES CONTROL PANEL	NO PROBLEM
	JOULIN MOTOR 1	NO PROBLEM
	JOULIN MOTOR 2	NO PROBLEM
	HYDRAULIC PUMP MOTOR	NO PROBLEM

	CE-102 STILES MOLDER	NO PROBLEM
	BNG TRIM SAW MOTOR 1	NO PROBLEM
	BNG TRIM SAW MOTOR 2	NO PROBLEM
	BNG TRIM SAW MOTOR 3	NO PROBLEM
	BNG TRIM SAW MOTOR 4	NO PROBLEM
	BNG TRIM SAW MOTOR 5	NO PROBLEM
	BNG TRIM SAW MOTOR 6	NO PROBLEM
	BNG TRIM SAW SAWHEAD MOTORS 1	NO PROBLEM
	BNG TRIM SAW SAWHEAD MOTORS 2	NO PROBLEM
	BNG TRIM SAW SAWHEAD MOTORS 3	NO PROBLEM
	BNG TRIM SAW SAWHEAD MOTORS 4	NO PROBLEM
	BNG TRIM SAW SAWHEAD MOTORS 5	NO PROBLEM
	BNG TRIM SAW SAWHEAD MOTORS 6	NO PROBLEM
	BNG TRIM SAW SAWHEAD MOTORS 7	NO PROBLEM
	MOLDER SAW – CE-104 STILES LINE I/F CONTROL PANEL – BREAKER KM EVEN END ROLL #3 – WIRE CONNECTION L3- 23B	NO PROBLEM
	CE-501 RESIDUALS CONTROL PANEL – GRINDER FEED BELT #2 – WIRE CONNECTION M0-502	LEVEL 3 – CRITICAL. REPAIR IMMEDIATELY
	STACKER 1 PANEL 1	NO PROBLEM
	STACKER 1 PANEL 2	NO PROBLEM
	CE-201 LMC MOLDER LINE 2 CONTROL PANEL	NO PROBLEM
	MOLDER LINE 2 TRIM SAW MOTOR HEAD 1	NO PROBLEM
	MOLDER LINE 2 TRIM SAW MOTOR HEAD 2	NO PROBLEM
	MOLDER LINE 2 TRIM SAW MOTOR HEAD 3	NO PROBLEM
	MOLDER LINE 2 TRIM SAW MOTOR HEAD 4	NO PROBLEM
	MOLDER LINE 2 TRIM SAW MOTOR HEAD 5	NO PROBLEM
	MOLDER LINE 2 TRIM SAW MOTOR HEAD 6	NO PROBLEM
	MOLDER LINE 2 TRIM SAW MOTOR HEAD 7	NO PROBLEM
	INFEED MOTOR 1	NO PROBLEM
	INFEED MOTOR 2	NO PROBLEM
	TRIM SAW INFEED MOTOR 1	NO PROBLEM
	OUTFEED CHAIN MOTOR 1	NO PROBLEM
	HYDRAULIC MOTOR	NO PROBLEM
	MAIN MOTOR 1	NO PROBLEM
	MAIN MOTOR 2	NO PROBLEM
	MAIN MOTOR 3	NO PROBLEM

	MAIN MOTOR 4	NO PROBLEM
	MAIN MOTOR 5	NO PROBLEM
	MAIN MOTOR 6	NO PROBLEM
	MAIN MOTOR 7	NO PROBLEM
	CE-202 LMC MOLDER CONTROL PANEL	NO PROBLEM
	TILT HOIST MOTOR	NO PROBLEM
	NEEDERMAN CONTROL PANEL 1 – CE-203 LMC MOLDER INFEED	NO PROBLEM
	MAIN PRINCIPAL CONTROL PANEL	NO PROBLEM
	LPP1 120V PANEL	NO PROBLEM
MCA PLANT	MCC PANEL	NO PROBLEM
	TRANSFER PUMP 1	NO PROBLEM
	TRANSFER PUMP 2	NO PROBLEM
	TRANSFER DECK	NO PROBLEM
	MIX PUMP 1	NO PROBLEM
	MIX PUMP 2	NO PROBLEM
	BORATE AUGER	NO PROBLEM
	STRIP 1-1	NO PROBLEM
	STRIP 2-1	NO PROBLEM
	STRIP 1-2	NO PROBLEM
	STRIP 2-2	NO PROBLEM
	WAX CHEM PUMP	NO PROBLEM
	MCA CHEM PUMP	NO PROBLEM
	WELL	NO PROBLEM
	HYD 1	NO PROBLEM
	HYD 2	NO PROBLEM
	JMS BOOSTER PUMP	NO PROBLEM
	T10 MIXER	NO PROBLEM
	BORATE CONC MIXER	NO PROBLEM
	MCA CONC MIXER	NO PROBLEM
	T1 MIXER	NO PROBLEM
	T2 MIXER	NO PROBLEM
	T3 MIXER	NO PROBLEM
	T4 MIXER	NO PROBLEM
	T5 MIXER	NO PROBLEM
	T6 MIXER	NO PROBLEM
	PRES PUMP 1-2	NO PROBLEM

	PRES PUMP 2-2	NO PROBLEM
	VAC PUMP 1-2	NO PROBLEM
	SWBP 1-2	NO PROBLEM
	SWBP 2-2	NO PROBLEM
	SWRP 1-2	NO PROBLEM
	AIR COMP 2	NO PROBLEM
	PRES PUMP 1-1	NO PROBLEM
	PRES PUMP 2-1	NO PROBLEM
	VAC PUMP 1-1	NO PROBLEM
	SWBP 1-1	NO PROBLEM
	SWRP 1-1	NO PROBLEM
	AIR COMP 1	NO PROBLEM
	SUMP 1	NO PROBLEM
	SUMP 2	NO PROBLEM
	SUMP 3	NO PROBLEM
	SUMP 4	NO PROBLEM
	AIR COMPRESSOR 1	NO PROBLEM
	AIR COMPRESSOR 2	NO PROBLEM
	MICRO 2 MOTOR	NO PROBLEM
	FLEXICON CONTROL 1	NO PROBLEM
	FLEXICON CONTROL 2	NO PROBLEM
	MOAD AC MOTOR	NO PROBLEM
	SODIUM NITRATE MOTOR	NO PROBLEM
	NORTH SUMP PUMP MOTOR	NO PROBLEM
	CLY. 1 VACUUM PUMP 1	NO PROBLEM
	CLY. 1 VACUUM PUMP 2	NO PROBLEM
	CLY. 1 STRIP PUMP MOTOR 1	NO PROBLEM
	CLY. 1 STRIP PUMP MOTOR 2	NO PROBLEM
	CLY. 2 VACUUM PUMP 1	NO PROBLEM
	CLY. 2 VACUUM PUMP 2	NO PROBLEM
	CLY. 1 TRANSFER PUMP MOTOR 1	NO PROBLEM
	CLY. 2 STRIP PUMP MOTOR 1	NO PROBLEM
	CLY. 2 STRIP PUMP MOTOR 2	NO PROBLEM
	CLY. 2 TRANSFER PUMP MOTOR 2	NO PROBLEM
	JMS BOOSTER PUMP MOTOR	NO PROBLEM
	MCA CHEM PUMP MOTOR	NO PROBLEM

	WAX CHEM PUMP MOTOR	NO PROBLEM
	MIX PUMP 1 MOTOR	NO PROBLEM
	MIX PUMP 2 MOTOR	NO PROBLEM
	TRANSFER DECK 1 MOTOR	NO PROBLEM
	TRANSFER DECK 2 MOTOR	NO PROBLEM
	SOUTH SUMP PUMP MOTOR	NO PROBLEM
	DECK TRANSFER MOTOR PANEL CE-102	NO PROBLEM
	TRAM MOTOR 1	NO PROBLEM
	TRAM MOTOR 2	NO PROBLEM
	SEAL WATER PUMP 1 CLY. MOTOR	NO PROBLEM
	SEAL WATER PUMP RETURN 1 MOTOR	NO PROBLEM
	SEAL WATER PUMP RETURN 2 MOTOR	NO PROBLEM
	SEAL WATER PUMP CLY. 2 MOTOR	NO PROBLEM
	SUMP 3 MOTOR	NO PROBLEM
	CLY. 1 DOOR HYDRAULIC PUMP MOTOR	NO PROBLEM
	CLY. 2 DOOR HYDRAULIC PUMP MOTOR	NO PROBLEM
	CLY. 1 VACUUM PUMP MOTOR	NO PROBLEM
	CLY. 2 VACUUM PUMP MOTOR	NO PROBLEM
MCA PLANT ELECTRICAL ROOM	MPA PANEL	NO PROBLEM
	HA PANEL	NO PROBLEM
	LB PANEL	NO PROBLEM
	LA PANEL	NO PROBLEM
FRT BUILDING	VACUUM PUMP MOTOR	NO PROBLEM
	DOOR HYDRAULIC PUMP MOTOR	NO PROBLEM
	SWP RETURN MOTOR	NO PROBLEM
	SEAL WATER PUMP MOTOR	NO PROBLEM
	PRESSURE PUMP MOTOR	NO PROBLEM
	STRIP PUMP MOTOR	NO PROBLEM

PRIORITY KEY

NO PROBLEM	Equipment operating within normal parameters. No action required.
LEVEL 1	Low grade fault – temperature rise 5–10°C. Monitor and plan re-inspection.
LEVEL 2	Medium grade fault – temperature rise 10–35°C. Repair at scheduled shutdown.
LEVEL 3	CRITICAL – temperature rise > 35°C. Repair immediately.