INSPECTION REPORT

Electrical Safety Inspection

REPORT NO. ESI-2026-0435

SITE	Eastfield Plastics Factory	INSPECTION DATE	October 14, 2026
ADDRESS	48 Kiln Lane, Columbus, OH 43215	INSPECTOR	Maria Delgado
CLIENT	Eastfield Plastics Inc.	CONDITIONS	Dry, 12 °C, plant partly shut down

OVERALL RESULT
ACTIONS REQUIRED

The installation can stay in use. Four items need follow-up, starting with a damaged power cable.

ITEMS INSPECTED	PASSED	ACTION REQUIRED	FAILED
15	11	4	0

Each item was checked on site. Mark X in Pass, Action (needs follow-up) or Fail (does not meet the requirement).

A Main Switchboard

NO.	CHECK	PASS	ACTION	FAIL	COMMENTS
1.1	Panel labelled and circuits identified	X			All 24 circuits labelled
1.2	Covers fitted and secure	X			No missing blanking plates
1.3	Clear access in front of the panel		X		Boxes 0.4 m from panel
1.4	Earth connections intact	X			Readings within limits

B Wiring and Outlets

NO.	CHECK	PASS	ACTION	FAIL	COMMENTS
2.1	Visible cables undamaged		X		Cable insulation cracked
2.2	Outlets secure and undamaged	X			48 outlets checked
2.3	RCD protection tested	X			All trips within 30 ms
2.4	Extension leads used correctly		X		Leads daisy-chained

C Emergency and Backup Power

NO.	CHECK	PASS	ACTION	FAIL	COMMENTS
3.1	Emergency lighting tested		X		Two lights failed test
3.2	Generator starts under load	X			Started in 8 seconds
3.3	Battery backup checked	X			Capacity within rating
3.4	Isolation switches labelled	X			

Inspector initials: _____

D Records and Testing

NO.	CHECK	PASS	ACTION	FAIL	COMMENTS
4.1	Test certificates current	X			Issued this year
4.2	Portable appliance tags in date	X			All tags current
4.3	Previous defects closed out	X			No open items

FINDINGS REQUIRING ACTION

REF.	PRIORITY	FINDING AND RECOMMENDED ACTION	OWNER	DUE DATE
F-01	**High**	**Damaged cable insulation in the packing area** The insulation on a power cable beside the packing bench is cracked and exposes the conductor. **Action:** Isolate and replace the cable, then check the circuit.	Maintenance Team	Oct 28, 2026
F-02	**Medium**	**Storage blocking access to the main switchboard** Cartons are stacked 0.4 m from the switchboard, which blocks safe access in an emergency. **Action:** Move the stock and mark a 1 m clear zone on the floor.	Warehouse Supervisor	Nov 4, 2026
F-03	**Medium**	**Extension leads chained together** Three extension leads are connected in series at the packing bench, which can overheat. **Action:** Install a fixed outlet and remove the chained leads.	Facility Manager	Nov 4, 2026
F-04	**Medium**	**Two emergency lights failed the duration test** Two emergency luminaires went out before the end of the 3-hour test. **Action:** Replace the batteries and retest within a week.	Maintenance Team	Nov 4, 2026

SCOPE AND LIMITATIONS

This inspection covers visible and accessible areas on the date shown and does not replace statutory testing of fire systems. Concealed conditions, and areas that were locked or unsafe to enter, were not inspected.

SIGN-OFF

INSPECTOR	Maria Delgado Licensed Electrical Inspector	**SIGNATURE**	**DATE**	
SITE REPRESENTATIVE	Tom Whitfield Maintenance Manager	**SIGNATURE**	**DATE**	

Inspector initials: _____