

A new main switchboard in a 72-hour shutdown

Trafford Park, Manchester · industrial · £300k to £400k · 12 weeks, around a 72-hour shutdown



CLIENT
A food manufacturer

MAIN CONTRACTOR
Direct for the manufacturer

CONSULTANT
The manufacturer's engineering team

LOCATION
Trafford Park

SECTOR
Industrial and logistics

CONTRACT VALUE
£300k to £400k

PROGRAMME
12 weeks, around a 72-hour shutdown

FLOOR AREA
9,500 m² production hall

FORM OF CONTRACT
NEC4 Engineering and Construction
Short Contract

OUR ROLE
Principal electrical contractor

COMPLETED
December 2025

OCCUPIED THROUGHOUT
Yes: production ran right up to the shutdown

SAFETY
0 lost-time incidents

72 hours

the whole changeover, inside the shutdown

6 hours

ahead of the planned restart

0

product lost to the works

2000 A

main switchboard installed and commissioned

THE BRIEF

A food manufacturer in Trafford Park needed its main switchboard replaced, and could only be without power for one 72-hour window over Christmas.

WHAT WE WORKED AROUND

The supply could be off for one 72-hour window over the Christmas shutdown, and no longer. Everything above the lines sealed and wipe-clean, to the site's hygiene rules. Permits to work and lock-off agreed each shift with the site's engineering team.

OUR SOLUTION

We moved everything we could out of the shutdown: the switchboard was built and tested off site, every new sub-main was run and terminated short of the board in the weeks before, and the changeover was rehearsed on paper with the site's engineers, shift by shift.

THE RESULT

Power was restored and the lines restarted six hours ahead of plan, with no product lost and no lost-time incident.

HANDOVER

A single-line diagram as fitted, the switchboard's test results, the thermographic baseline under load and the O&M manual.