

INTRODUCTION

Breese and Earle Electrical Services Ltd have carried out the complete design and installation of electrical services within a large factory extension for Tappex Thread Inserts Ltd, Stratford Upon Avon. The electrical design brief specified that the installation must have a low carbon footprint and LED lighting is utilised throughout the entire project. To further mitigate electrical power consumption on the site, all lighting is controlled automatically by a C.P.Electronics lighting control system. Heating within the new extension and existing factory is provided by three Biomass Boilers. A sophisticated analogue addressable fire alarm system was installed, together with a comprehensive emergency lighting system for life safety.



DATA

Type of Installation:	Industrial
Size:	15,000sq ft.
Number of Floors	Two
Building Contractor:	Avonvale Construction Ltd
Architect:	Harding Design
Quantity Surveyors:	N/A
Consulting Engineers: (Client)	N/A
Consulting Engineers: (Contractor)	Breese & Earle (Contractor Design)

SCOPE OF SUPPLY

Breese and Earle Electrical Services Ltd were principle contractor for the electrical installation and included the following elements of supply:

- Lighting
- Power
- Lighting Controls
- Mains
- Fire Alarm System
- External Lighting
- Cable Trays and Lighting Trunking
- Metering
- Disabled Call Systems

KEY SUPPLIERS

Electrical Accessories:	M.K
Mains Equipment:	Schneider
Factory Containment:	Armourduct
Office Containment:	Marshall Tufflex
Cables:	Pirelli
Drawing Software:	AutoCAD
Lighting Design Software:	Relux

KEY PARTNER SPECIALISTS

Fire Alarm:	CTEC
Lighting Controls:	C.P.Electronics
Lighting:	NVC