

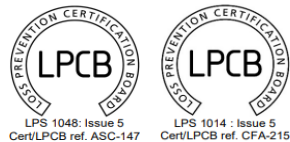
# Mechanical, Electrical & Plumbing Capability

# Delivery of a Positive Safety Culture

**A Plant** that is well designed, operated and maintained within established safety cases to ensure they operate at a tolerable risk.

**Processes** that are robust and focused on prevention of events, problem identification and resolution.

**People** who are well trained, follow Procedures, demonstrate a questioning attitude, uphold the highest standards and coach each other to improve those standards.



# Our MEP Capability

## ATC

Elizabeth Line/Cross rail – Europe's biggest infrastructure project, the new high frequency, high-capacity railway for London and the Southeast. Rail transport in London is going through a period of massive enhancement.

L.B. Foster was contracted to design, supply, install and commission the following:

- Distribution Boards
- TLPPs (Tunnel Lighting Power Points)
- TVS (Tunnel Vent System)
- MVSO (Multi-Voltage Socket Outlets)
- Lighting Control
- CMS(Cable Management System)
- OHLE (overhead line equipment) Switches
- SERs (Station equipment rooms)
- Scada



# Our MEP Capability

## Ilford and Romford

Scope of work included the Installation & Commissioning of:

- Mechanical Ventilation
- Air Conditioning
- Public Health
- Fire Detection
- Small Power
- Data
- Lighting
- CMS





# Our MEP Capability

## BNSR Phase 7 – EDNER & OWER

- Reviewed the client brief against the GRIP 4 & developed a new solution to meet client requirements
- Liaised with Network Rail on behalf of the end user regards Fire Strategy & final solution
- Identified VE Options around scope requirements
- Developed a new design brief for client sign off.

### Scope of work:

- Design Supply, Installation & Commissioning of:
- Electrical – Power, Lighting, Door Access, Comms
- Mechanical – Fire Detection/ Gas Suppression & HVAC



# Thank you