



PRODUCT CARD

# Inspections for electric vehicle charging points

Under the Electricity at Work Regulations 1989, electric vehicle charging equipment should be maintained, routinely checked, inspected and tested in line with their manufacturers recommendation.

**How we can help**

We provide inspections for **Mode 3 electric vehicle (EV) charging points** to help ensure they work efficiently and safely.

**Our service**

Our engineer surveyors inspect Mode 3 smart vehicle charging installations located in **commercial** and **industrial** locations.

This can be done as a standalone inspection or as an addition to a fixed wiring electrical inspection. We'll provide a report of inspection indicating the level of electric safety and compliance, along with recommendations for further action.

**Electric vehicles charging on the rise**

To help meet the UK's net zero goals the government unveiled plans to reach 300,000 public EV charging points by 2030. Alongside this, new building regulations introduced in June 2022 call for EV charging provisions in all new buildings, as well as large offices and supermarkets undergoing major renovations.

## What are the different charging modes?



**Mode 1**

Standard socket outlet. Usage is limited and no longer mainstream.



**Mode 2**

Standard socket outlet with alternating current (AC) EV supply equipment. Usage is limited to domestic.



**Mode 3**

Electric vehicles are charged by specific equipment called an EV charging station, with AC EV equipment permanently connected to an AC supply network.



**Mode 4**

Charging is achieved by direct current (DC) EV supply equipment, called an EV charging station.



### Your safety is our priority

We have a network of over 600 highly trained Engineer Surveyors across the country. Their knowledge and expertise ensure we deliver quality solutions, advice and services to keep your business operating safely.



Our customers have spoken: over the past year they've continuously rated our engineering inspection service as outstanding.

Average score of 4.8/5 from January to September 2022.



### For further information

Please contact your broker to discuss how we can help you with your engineering inspection requirements.