

CASE STUDY					
Client Name	Brennans Bread				
	Private Sector				
Project Title	2No. AC 22kW EV Charger for Workplace and future Fleet EV charging.				
Project Description	The aim of the installation project was to supply EV charger equipment to service the employees' EVs as well as a future van fleet in the Dublin Distribution Centre in Walkinstown. The requirement was for a 22kW AC charger with associated civil works, power distribution and cabling equipment.				
Contract Duration	Contract awarded 1/05/2021 Installation Start: 19/05/2021 Duration: 1 Day Completion Date: 19/05/2021				
<i>Contract</i> <i>Management</i>	 Services Provided by TSG Ireland for this project: Complete and comprehensive response to the Brennans' tender Successful completion of the tender process Inspected and provided assistance and expertise to the plans provided by Brennans. Several site surveys with our own Civils Contractor and Brennans Electrical Contractor were carried out to ensure site and EV charger requirements were met. Project management from initial tender award through to site deployment and service implementation for public customers. Provision of foundation kits to the Civils contractor in advance of the chargers arriving in the country. This enabled the contractor to install the metal frame kits into wet concrete as the plinths were being built, facilitating the rapid pace of construction work. All paperwork and datasheets provided to the contractors. Ducting plans, cable size, cable type (AC), circuit protection, earthing protection and data communications. Installation and termination of 2No. Circontrol units. Implementation of the CPO platform onto each charger. Clenergy EV use of RFID cards, mobile phone apps and payment processing of fees for charging. Provided training on the charger operation and use. 				



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	 Warranty cover for 2 years as per contract on parts and labour. TSG is involved with the ongoing maintenance of the EV Chargers, carrying out scheduled preventative maintenance works on each EV charger. 					
<i>Contract</i> <i>Performance</i>	 TSG Ireland was awarded the contract by the Brennans on 01/05/21 and had to work to exceptionally tight timelines to deliver the equipment ASAP as part of Brennans sustainability measures. The installation was completed successfully and handed over to the Brennans within the time frame. The CPO functionality of the service was provided by TSG's partner Clenergy EV. TSG had to work closely and quickly with Clenergy EV, providing on-site support and assistance to install the network connectivity to all chargers, configure, test and ensure connectivity between the EV charger and the back-office service. These installations, configurations and tests were carried out successfully after the chargers had been installed. 					
Project Compatibility	Civil Works ✔	22kW AC Charger Type-2 ✔	Electrical works to Brennan's Distribution Board. ✔	Interoperability with Clenergy EV (Charge Point Operator) ✔	Installation Testing Commissioning Training Handover ✔	