



UTILITY
SOLUTIONS

Stansted Cargo VRS Protection Works

Design & Build Protection Works at Stansted Airport

Client: Cadent Gas

Project: VRS Protection Installation

Location: Stansted Airport Cargo Area, Essex

Completed: March 2026

IES Utilities Group successfully delivered a full design-and-build for Cadent Gas within a Vehicle Restraint System (VRS) area at Stansted Airport. The site sits in the airport's main cargo hub which is a busy industrial estate with constant movements of HGVs, cargo trucks and service vehicles. This meant the area was extremely traffic sensitive and required careful planning to ensure safety and minimal disruption.

During the design phase, we completed a detailed risk assessment using Department for Transport guidance and UK Roads Liaison Group standards. This allowed us to understand the level of risk posed by local traffic and select the most appropriate barrier system for the location.

Working closely with all stakeholders to agree the final design including securing approval from Manchester Airport Group (site owners) for a solution that would provide robust protection for the gas governor while keeping road user impact to a minimum and reducing disruption during installation.

Planning had presented additional challenges due to limited access windows and the presence of numerous underground services. Despite its modest scale, we applied the same rigorous approach as a major scheme, ensuring all approvals, safety checks and service investigations were in place ahead of construction.

As a result, our teams installed eight heavy-duty safety bollards around the existing gas governor, ensuring robust protection for this critical piece of infrastructure against potential vehicle impact. Through careful planning and professional execution, IES delivered the installation to our usual high standards, completing the project efficiently and even ahead of schedule.

