

Challenges:

One of the most persistent sustainability challenges faced by Apex Contracting Solutions is managing material waste, particularly copper wire offcuts, conduit, insulation materials, and packaging. Due to the nature of the work, there are often remnants from installations that cannot be reused on-site, leading to unnecessary waste.

Energy consumption during construction also presents a significant issue. Operations require high-energy usage, especially when running temporary power systems, using heavy equipment, or charging power tools on-site. This contributes to a carbon footprint that Apex Contracting Solutions is actively working to reduce.

Another key challenge is balancing client expectations with sustainability goals. Some clients prioritise budget and speed over sustainable solutions, which can create conflicts with the company's efforts to use greener practices and materials.

Impact:

Tackling these challenges has resulted in considerable operational, environmental, and cultural improvements across Apex Contracting Solutions. Engagement with the Supply Chain Sustainability School has played a pivotal role in supporting these outcomes.

In addressing material waste, the company implemented new strategies for segregating and recycling electrical components such as copper, cable, plastic conduit, and packaging. The Waste & Resource Efficiency modules provided by the Supply Chain Sustainability School offered practical insights into site-level waste reduction techniques that have since been adopted into practice.

Value gained:

Apex Contracting Solutions found the School's self-assessment process to be very useful in highlighting knowledge gaps and establishing a targeted action plan. This enabled a structured approach to improvement, particularly in areas such as carbon and circular economy.

E-learning modules were also found to be highly beneficial. The content provided a clear breakdown of key sustainability topics, reinforced learning through quizzes, and helped staff identify both existing knowledge and areas needing improvement.

Through the School's learning resources, Apex Contracting Solutions gained a better understanding of client expectations around sustainability, particularly regarding circular economy principles and social value contributions. This has improved alignment with client goals and supported more informed discussions during project planning.

Fact box



Company

Apex Contracting Solutions

No of employees

50

HQ

Purfleet, RM19 1TB

Website

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Services

Electrical Installation in
Commercial, Residential & Public
Sector & Retail

About

Apex Contracting Solutions Ltd is a professional and reliable electrical installation company situated in Purfleet providing our services to London and surrounding areas. Their team of experienced managers and electricians are dedicated to providing exceptional service to their clients, with a focus on quality and customer satisfaction.

Embedding sustainability into operations has not only helped meet environmental objectives but also strengthened competitive advantage. For example, optimising material orders and improving waste segregation has led to greater efficiency and measurable cost savings.

Future proofing:

Apex Contracting Solutions aims to continue building on the progress achieved so far by more deeply embedding the Supply Chain Sustainability School's resources into daily operations. Plans include ongoing use of the self-assessment and action planning tools to benchmark performance and guide continuous improvement in key areas such as carbon reduction and circular economy.