

# Charlotte Peacock Associates



ENVIRONMENTAL CONSULTANCY

## Cemeteries and Crematoria

### Services Summary

Site investigation and risk assessment. Assessment of geology, hydrogeology, hydrology and drainage for a proposed burial site.

Options study of mercury abatement installation

Feasibility study into sustainable alternatives for powering crematoria. Looking at the possibility of utilising solar power, wind energy, and diesel and biodiesel powered generators.

Compilation of tender specifications for mercury abatement equipment installation

Technical evaluation

The burials and cremation sector is responsible for managing and controlling various environmental impacts. The establishment and management of burial grounds require consideration of land-take and protection of groundwater and watercourses, following guidelines from the Environment Agency (EA) and the Scottish Environment Protection Agency (SEPA). Cremation installations need to consider energy use and emissions to air, which are controlled under Local Authority Pollution Prevention Control (LAPPC). A particular concern for the cremation sector currently is the issue of mercury abatement. Directly as a result of considerations on mercury abatement, the majority of cremation authorities will need to consider the engineering and architectural aspects of upgrading abatement technology.

CPA are able to offer a wide range of environmental services relating to this sector. We can assess the potential impacts and reductions in emissions as a result of new equipment and technology and whether the option is viable for your site. We can also assess the potential impacts of installations at new sites.

CPA and our Associates are also able to assist with civil, structural, mechanical and electrical engineering, and architectural services. We have extensive experience in multidisciplinary design, and project and facilities management of public sector buildings, hospitals, law courts, educational establishments, industrial and commercial buildings. Our capability in the design of intelligent and energy efficient buildings results in lower operational costs, structured maintenance and reduced whole-life costings.

CPA can also provide a qualified CEEQUAL assessor who can work hand-in-hand with designers to ensure sustainable buildings. Our associates also include qualified BREEAM assessors.