

CERAP UK

Radiation Protection
& Engineering Consultancy



*Innovative radiation protection
built on 35 years of experience.*

About CERAP UK

From construction to operation and decommissioning of nuclear facilities, CERAP UK supports key stakeholders of the nuclear industry in managing radiation protection and preserving the safety of workers and populations.

CERAP UK is part of the CERAP Group, a subsidiary of ALTRAD GROUP – world leader in the provision of industrial services.

Our services

Radiation Protection



Appointment of a RPA -
Radiation Protection
Adviser for your company



Training of your
personnel



Annual regulatory control
of equipment generating
ionising radiation



Provision of Health
Physics resources



Audit of your Radiation
Protection management
system



Compliance with
Ionising Radiations
Regulations (IRR17)



Site visits



Training of your
personnel

Engineering Consultancy



Dedicated to the
nuclear industry.
We support our
partners in all
type of facilities
such as fuel
cycle, electricity
generation,
dismantling and
research centres.



From design office to
site assistance



All disciplines required
for nuclear facilities
such as PMO, Safety,
Civil Engineering,
Mechanical, Electrical,
HVAC, CAD model,
Layout, etc.



Radiation Protection Training

CERAP UK offers radiation safety training courses for classified workers and personnel working in controlled areas. Our courses are developed by radiation protection experts and tailored to our client's involvement with ionising radiation.

Radiation Protection Supervisor (RPS)

to provide delegates with the knowledge they need to supervise others working with sources of ionising radiation

We provide suitable training for Radiation Protection Supervisors appointed by the employer to oversee the work and make sure local rules are followed.

Basic Atomic Theory / Principles of Radiological Protection

Role of the RPS and expectations under IRR17

Understanding the effects, units, and sources of radiation

Radiation Protection Awareness

to understand the hazards of working with radiation

We provide instruction and training to personnel engaged in work with ionising radiation to put the radiation risk into perspective and provide an understanding of the principles of ALARP in order to follow procedures.

History of radioactivity / Risks of working with ionising radiation

Good work practices when working with ionising radiation

Bespoke Training

to meet individual needs

We provide bespoke courses covering all basic radiation protection information for the level of staff training you require.



Training with virtual reality

Because the subject of radiation protection can be difficult to get across with presentations alone, we are using the virtual reality experience for our Radiation Protection training sessions.

Many benefits

- Put into **practice** the theory you have learnt
- Work in **immersive** situations, increasing trainees' awareness of radiological hazards
- Enhance **team performance** by creating **collaborative** training experiences

Different scenarios are currently available, such as *Nuclear Power Plant* and *X-ray equipment*.

Do you need training for a specific environment ?

We can develop new scenarios according to your needs.



Radiation Protection Adviser (RPA)

The Ionising Radiations Regulations 2017 (IRR17) require any organisation undertaking work with radioactive materials or with equipment generating radiation to consult with a RPA.

Our mission

Assist our clients in complying with the Ionising Radiation Regulations and implementing good practice.

X-rays equipment



Our RPA activities include conducting radiation protection safety audits and verifications on X-ray equipment.

Our expertise in Radiation Protection goes across different types of equipment such as Body Scanners, Baggage Scanners, Itemisers, etc.

CERAP UK has been appointed Radiation Protection Adviser

- ▶ for the Ministry of Justice on more than 80 sites across England and Wales
- ▶ for major EDF Energy Tier 1 operating on all Nuclear Power Plants in the UK



Equipment Qualification

Through its subsidiary **ATRON Metrology**, expert in ionizing radiation including radiation testing, the CERAP Group is a member of the **EQUALLE Alliance** alongside Framatome, Babcock, and Bureau Veritas.

This alliance offers the most comprehensive services in the field of nuclear equipment qualification.

Equipment qualification is a systematic approach which ensures that safety-critical components and systems being manufactured for nuclear power plant meet the applicable quality standards.

Equipment Qualification provides a major technical contribution to the Nuclear Safety of the plant. Failures identified during equipment qualification can protect a project from major programme delays and major financial losses.



Engineering Consultancy

CERAP UK offers support to nuclear operators by providing them with highly skilled engineers and technicians for new-build, operating facilities and decommissioning projects.

We are working with EDF Energy Tier 1 suppliers such as Edvance on the Hinkley Point C new build project by supporting the design, commissioning and construction across the full range of disciplines, including:

Civil Engineering

Mechanical

Electrical

General


Installation

3D Modelling

PMO



Contact us

 0117 319 0272

 contact@cerap.uk



Visit our website
www.cerap.uk

Our office in Bristol

2 Redcliffe Way, Redcliffe
Bristol BS1 6NL