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# GOOD THINKING PEOPLE

Health Physics Monitor  
Apprenticeship Scheme



# Health Physics Monitor – 24 month programme

## What is a Health Physics Monitor?

A Health Physics Monitor provides radiological monitoring services at the workplace within the nuclear industry to protect people, plant and the environment from the adverse effects of ionising radiation and contamination.

## What will I be doing?

You will use specialist instruments to carry out radiological protection monitoring by taking readings of surface and airborne contamination levels and radiation dose rates, recording the readings detected on hand held devices. You will need to be comfortable working with numbers and completing mental calculations as you will not always have access to a calculator. This role requires a high level of attention to detail, quality and accuracy in recording readings. You will need to have the right attitude to health and safety, quality and following instructions.

The first 5 weeks of your training programme will be delivered off site. After this initial period you will move to our on-site training facility for a further 5 weeks theoretical training, in preparation for moving to site based locations where you will be very much in a hands-on role.

## What do I need to consider?

This is a two year scheme. You will work normal office hours between 07:30-15:40 or 08:10-16:20, however at times may be required to do a double day shift. You will need to wear safety gear and other personal protective equipment, as well as, respiratory protective equipment the majority of the time (such as full PVC suiting, gloves and respirators), necessary for work in controlled areas. In this role you will be quite often working outside in all weather conditions, at heights, in small spaces and in nuclear facilities with alpha, beta, gamma and neutron radiation. This role provides an exciting opportunity to explore and experience various aspects of the sites and provides great plant based experience.

As an integral part of your apprenticeship your progress will be monitored and assessed against government standard requirements. You will compile an evidence folder, demonstrating your areas of learning with accredited certificates of completion for elements of your training. Within the last six months of your apprenticeship you will undertake an assessment by an independently appointed organisation, where you will be expected to clearly demonstrate your capability to perform as a Health Physics Monitor.

## Where will my training be delivered?

1st and 2nd Year – Training will be delivered between Energus, Sellafield Skills Centre and the Sellafield site.

## What qualifications will I obtain?

- Level 2 Certificate in Health Physics Monitoring in the Nuclear Industry (Theory).
- Level 2 NVQ Diploma in Radiological Protection.
- Award in Nuclear Industry Awareness.
- ISOH Working Safely.

## What are the entry requirements?

- Minimum age 18 by September 2018.
- Minimum of 3 GCSEs Grade C (Step 4) to include Mathematics, English Language & one Science subject (Physics, Chemistry, Biology, Science or similar).

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