

CASE STUDY

Georgina Hines

Control and Instrumentation Maintenance Technician



What does Georgina actually do?

My day to day role involves a wide variety of routine, preventative and breakdown maintenance on instrumentation and control systems used to ensure the plant runs safely and efficiently.

Activities which we carry out range from calibration of instrumentation on nuclear significant plant and nuclear safety systems such as Reactor gas temperature, Reactor pressure, CO₂ level systems, water treatment purification, Reactor protection equipment, Cooling Water Systems, Turbine control systems.

As well as routine maintenance I will also respond to safety

system and instrumentation faults, repairing defective equipment as required. From time to time we will also get opportunities to work on special projects which enables me to install new equipment and systems, helping to commission them into service to enhance our reliability.

What is important/valuable about Georgina's work?

Vital engineering role, carrying out key checks from the maintenance schedule or defects on plant. Working with new Apprentices and teaching them new skills that I learnt.

What is exciting about Georgina's work?

My work is exciting as I am constantly working on new



FACTFILE

Name:

Georgina Hines

Georgina's employer:

EDF Energy

Where is Georgina based?

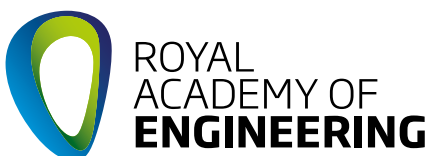
Heysham 2 power station

For more information visit:

www.edfenergy.com/careers/early-careers/apprenticeships



"Georgina won the
EDF Energy apprentice of
the year 2017."



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equipment and learning about different systems.

I enjoy the fact that work is different, and find it exciting that you don't necessarily know what you are doing from a day to day basis. It makes my job a lot more interesting.

What is visual about Georgina's work?

My job is extremely visual, whether working on preventative maintenance I am ensuring plant is calibrated correctly for it to operate safely within tolerance. Or if I am working on defects, I am fixing equipment on plant and giving plant availability for the operators.

What is special about Georgina?

Georgina won the EDF Energy apprentice of the year 2017.

Are there any other details that make Georgina's story compelling?

I have taken on extra responsibilities as a First Aider and I am part of the Emergency Control Scheme.

Within my job I am trained in safety circuits which are specialist control systems which operate automatically and have the potential of automatic shut down of the reactor.

I also was given the opportunity to lead a project which entailed designing, procuring, manufacturing, installing and commissioning new instrumentation panels for the turbine generator transformer, which was a great opportunity to work on my own whilst a 4th year Apprentice.

Is there a webpage with more information about Georgina?

www.edfenergy.com/careers/early-careers/apprenticeships



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