

Nuclear Job Contexts

Vision: a national framework for competences, training and qualifications in the nuclear industry.



Nuclear Job Contexts are families of nuclear industry standard job roles that have been developed by Cogent in consultation with the nuclear industry.

Job Contexts are fully endorsed by the industry and represent a world-class standard organised around four skills areas and associated training and qualifications:

- Technical
- Business Improvement
- Compliance
- Functional and Behavioural

Each job role within a Job Context sets out the qualifications and training that will provide a route to securing skills across each of the above competences.

The Job Context families have been developed in conjunction with the nuclear industry to cover all

elements of the nuclear fuel cycle. The new industry-wide Nuclear Skills Passport which is being rolled out by the National Skills Academy for Nuclear is founded upon the Cogent Industry Training Framework, which includes Job Contexts and Industry Training Standards.

www.nuclear.nsacademy.co.uk

www.cogent-ssc.com/industry/nuclear



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“Through its partnering approach with the Nuclear Sector Cogent has developed world-class standards for the Industry. These employer endorsed Nuclear Job Contexts will provide the platform for developing solutions to ensure industry-wide standards meet the needs of the Sector going forward and they can be used also to highlight any future skills gaps that can be closed through professional development programmes.”

What do Job Contexts offer employers?

- An industry-wide skills benchmark for world-class levels of competence
- A measure of existing workforce skills and the identification of any skills gaps
- Transferability of skills across the Sector and a reduction in repeat training
- Job context information can be used to develop a picture of future skills needs and enable workforce planning
- Signposting to the National Skills Academy for Nuclear accredited training courses, underpinned by Cogent training standards
- Increased retention of high quality skills as employees can be re-trained to an industry standard in a changing operating environment

What do Job Contexts offer employees?

- A nationally recognised framework for measuring and demonstrating individual skills
- Demonstration of competence to national standards, not just individual site-based standards
- Career progression and continual professional development for current employees
- Job Contexts provide vital information to support attraction into the Sector, via www.cogent-careers.com
- The potential to move from one skillset to another (for example from operations to decommissioning)
- Support for Trades Unions Learning Representatives in their promotion of training

How can Job Contexts be used?

Job Contexts can be used to highlight gaps in competences or training. The competences set out in the individual job roles can be achieved through existing full qualifications or accredited training that meets national industry standards.

Skill Area	The Nuclear Industry Standard Job Role skills, knowledge and behaviours	Nuclear Industry Qualifications and Training Standards
Technical Competence	<p><i>the individual can...</i></p> <ul style="list-style-type: none"> • prepare the work area for decommissioning activities. • assemble and dismantle nuclear decommissioning equipment. • operate, maintain, monitor and adjust appropriate nuclear decommissioning equipment. • dismantle contaminated plant, structures and equipment. • decontaminate radioactive plant and materials. • minimise and package radioactive materials. • remove and transfer hazardous materials etc to designated storage locations. <p><i>Additionally an individual may be required to...</i></p> <ul style="list-style-type: none"> • support and prepare alpha or beta/gamma radiation/contamination controlled work areas. • operate ancillary equipment such as cranes, fork lift trucks etc. • operate in a pressurised suit environment. <p><i>The individual understands...</i></p> <ul style="list-style-type: none"> • the practice involved in carrying out routine decommissioning activities within the nuclear industry. • the practice involved with the minimisation, packaging and removal of hazardous materials and transfer of materials to designated storage area. 	<p>PAA/VQSET Level 2 Diploma in Nuclear Decommissioning (NVQ)(QCF)</p>
Business Improvement	<p><i>Additionally an individual may be required to...</i></p> <ul style="list-style-type: none"> • solve routine decommissioning problems using efficiency improvement techniques. • apply workplace organisation techniques. • understand the practice associated with a variety of appropriate efficiency improvement techniques. 	<p>Optional Level 2 NVQ in Business Improvement</p>
Compliance	<p><i>The individual understands...</i></p> <ul style="list-style-type: none"> • the safety, security and behavioural expectations of those working on Nuclear sites. • the fundamental principles and implications of radiation hazards. • the procedures for dealing with radioactive discharges, waste, environmental control and emergencies. • the reasons for and application of a variety of safety management systems such as Permit to Work, Standard Operating Procedures and Risk Assessment. • the implications and relevance of company policy, external legislation and regulation on working practices (including environmental control). 	<p>Basic Common Induction Training Standard</p> <p>Basic Nuclear Industry Behaviours Training Standard</p> <p>Basic Nuclear Industry Context Training Standard</p> <p>Working Safely Training Standard</p>
Functional and Behavioural	<p><i>The individual has basic skills in...</i></p> <ul style="list-style-type: none"> • communications • numeracy • ICT • Team Working and Personal Development <p><i>Additionally an individual may develop the ability to...</i></p> <ul style="list-style-type: none"> • take responsibility for completing tasks and procedures. • work independently subject to overall direction or guidance. • contribute towards the improvement of collaborative working. • take responsibility for coaching others where appropriate. • take responsibility for personal development. 	<p>Can be acquired through GCSE and Core/Functional skills programmes</p> <p>Optional Level 2 ILM Award In Personal Development</p>

For more information on Job Contexts and roles go to:

www.cogent-ssc.com/industry/nuclear/

Or contact us on: **01925 515 200**

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The strategic skills alliance for the Nuclear Industry