

Ensuring all new and existing staff understand the principles of power plant, plant systems and process operation is essential to the safe and efficient operation of any power station

Case study 1

As well as understanding the underpinning principles, operators also need to develop their practical skills. RWE Power International delivers a series of operations principles, safety rules, electrical/switching principles and power plant simulator courses. These have been successfully delivered to a number of customers in the UK and abroad.



RWE's transportable coal-fired training simulator



Power plant simulator training

Case study 2

An ever increasing responsibility for power station managers and supervisors is the safe and effective management of contracts and contractors carrying out essential work in our power stations. For staff responsible for this type of activity there is a clear need to understand all aspects of procurement, specification writing, legal requirements, health & safety, environmental considerations, tender assessment and contract management. RWE Power International has developed a Technical Officer course, which is now being successfully delivered to a number of customers in the UK and abroad.



Operations skills training

Case study 3

Following successful commissioning of CCGT power stations in the Republic of Ireland and Greece, for which training support was provided; RWE Power International's Learning and Development team provided training to help ensure the ongoing smooth, safe and efficient operation of the power stations. The diverse range of training being provided includes operations principles, safety rules, general safety, Technical Officer and electrical/switching principles.

Case study 4

RWE prides itself on the quality of its Advanced Apprenticeship programme where the target achievement is NVQ level 3 and a Higher National Certificate in an engineering related subject.

The quality of the programme is recognised by other generation companies as some repeatedly enrol their apprentices onto the RWE scheme.



RWE's Technical Training Centre, UK

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Learning and Development is one of a wide range of capabilities that RWE Power International can offer to the power and mining industries. For more information please contact us.

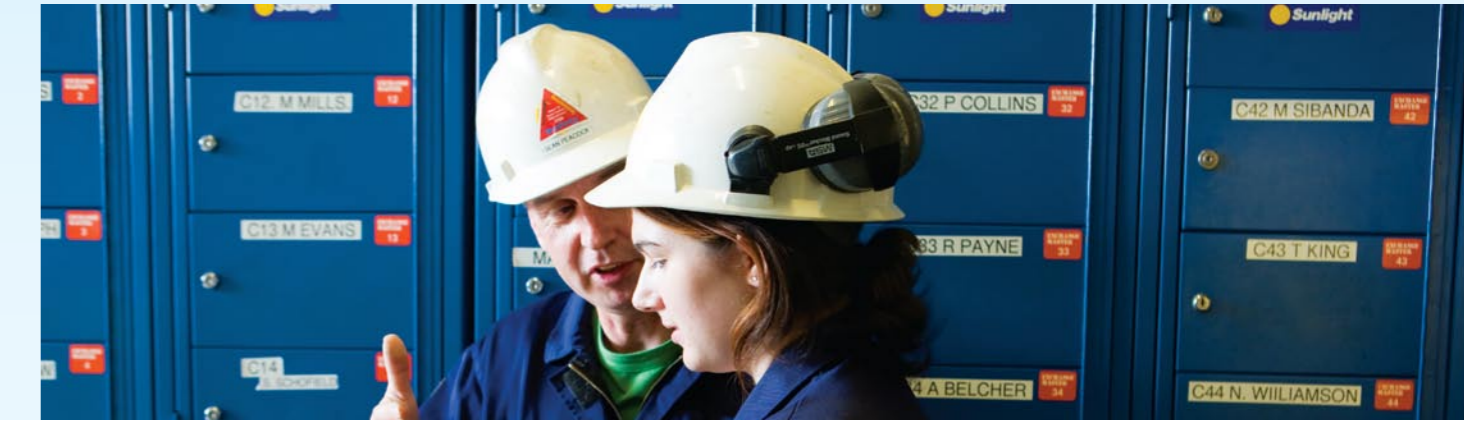
Accredited by
City & Guilds



Learning and development

Intelligent training solutions to meet the needs of your business

Power generation and mining experts



RWE Power International's specialist services cover every aspect of owning and operating power plant, from construction, commissioning, operations and maintenance, to eventual decommissioning. Our mining expertise covers minerals and solid fuels and spans exploration, development, operations and rehabilitation.

We have a great depth of operations and engineering knowledge and practical experience as an asset developer, owner and operator. As part of the RWE Group, we can call on the capabilities and resources of one of the world's leading multi-utility companies. We combine global reach with local understanding to provide innovative solutions that enhance the performance and profitability of any power generation or mining asset.

With clients in more than 70 countries around the world, our expertise spans the full range of electricity generation technologies, fuel sources including hard coal, lignite, oil, gas, nuclear, and mining methods.

A shared history of innovation

RWE Power International is a collaboration between two companies within the RWE Group, RWE Npower plc and RWE Power's consulting subsidiary, RE GmbH. We have a proud history of innovation, shared between RWE npower and RE. Our experience of transforming state-owned power utilities into commercially-focused private organisations was achieved by adopting cutting-edge, innovative operating and engineering solutions. Our mining services are based on more than 40 years of developing and running lignite mines, and include large-scale groundwater management, reclamation and environmental services.

Learning and development

The most important driver of performance in any organisation is the competence, ability and attitude of the people who manage and operate it. As the rate of innovation and change accelerates, the demand for skilled and well-qualified managers and staff intensifies. With state-of-the-art learning and development approaches rooted firmly within today's competitive markets, RWE can help you achieve the highest levels of skill and understanding, which will lead directly to improved performance from your business.

RWE Learning and Development services are based in a 'real world' environment where our own managers and staff have developed their skills.

We can help organisations with specific technical training needs, linking competency development to the business in order to maximise the benefits of the development programmes.

Individual packages created to meet your training needs

With our day-to-day involvement in delivering practical learning and development for our own workforce, we can work with you to understand the technical issues facing your business. In doing this we will then be able to assess existing performance, identify competency gaps and propose and deliver learning solutions and outcomes that will best match individual and operational needs.

Expertise spanning all operational learning requirements

Our overall learning and development expertise can help develop courses and programmes that cover the entire spectrum of operational and maintenance activities.

Constantly updated technical and market knowledge

Our learning and development programmes are constantly reviewed and updated to keep pace with operational and technological advances.

Learning and development professionals

Our professional training specialists are well placed to provide cost-effective, relevant and added value learning development solutions. These range from the Advanced Apprenticeship scheme to our professional engineer and scientist programmes.

Accredited learning and development programmes in power generations

To guarantee the highest possible standard we are ISO9001 accredited. Where possible and/or appropriate trainees work towards recognised qualifications. Typical examples include: City & Guilds, Advanced Apprenticeship Scheme (accredited by the Energy & Utility Skills and awarded by City & Guilds) and Graduate Development Scheme (accredited by the IET and IMechE).

All of our Operations courses are City & Guilds accredited. RWE is also an accredited centre for City & Guilds, Science, Engineering, Manufacturing Technologies Alliance and Energy & Utility Skills National Vocational Qualifications.

Customised training programmes in the mining sector

For training programmes in the mining sector to be truly effective, it is essential that they take account of the very different conditions in which mines operate. Different challenges in terms of local operating procedures, management systems, market and environmental conditions demand different approaches. Our training courses cover all aspects of open-cast mining and are structured in modules which can be customised to local conditions, mine equipment and existing knowledge of staff. Training courses are usually arranged in the customer's own country, with special further training in Germany, where required.

State-of-the-art training resources

Our fully resourced and equipped Technical Training Centres include full suites of training and syndicate rooms, with video-conferencing and multi-media projectors and monitors. They are fully equipped with the latest hardware and training aids. Our operational simulators provide highly realistic hands-on experience in control room and plant operation.

On-site and training centre options

Training programmes can be structured and delivered in the most cost-effective way to achieve the learning outcomes you need for your staff. RWE training teams have run major on-site courses in power stations, opencast mines and other locations around the world. Where appropriate, key members of your team can combine on-site training with periods spent at our Training Centres in the UK or Germany.

Commitment to active learning values

In delivering training solutions, every effort is made to ensure that appropriate quality assurance mechanisms are implemented in order to reach the highest possible standard. All parties contribute, from the training participant to the line manager and sponsor.