

## Joint Investment Programme (JIP) Employer Brief Years 1 and 2

### Our vision for JIP is to meet a skills development demand that:

- Improves the skills base of employees taking on new roles
- Sees bite-sized learning trigger investment in full qualifications
- Improves provider capacity and flexibility to respond to employer skills needs
- Encourages investment in skills through adoption of the Gold Standard competency framework

### Year 1

During the first year of operation we are laying the foundations for a unit/partial qualifications approach. This takes advantage of the flexibilities within the new Qualifications and Credit Framework (QCF). Year 1 delivery is already secured with named providers and employers for the qualifications in the table below.

### Year 2

In year 2 (commencing 1 August 2011) the focus will shift to units/smaller qualifications:

1. Units from BIT
2. Resource efficiency awards
3. Cert. in Chemical, Pharmaceuticals & Processing Operations (a smaller technical qualification as a pilot, to test demand for similar delivery in other sectors)
4. Cogent ILM Management qualifications developed for the sector through the Cogent Gold Standard

### However, full qualifications will still be available.

Employers commit to 50/50 co-funding payable at the start of the programme. Working with the provider is key to effective delivery. Ensuring that eligible learners are supported to complete the agreed course (allowing them time for training and assessment) is also very important to this programme.

Employers can register their interest at [industry@process.nscademy.co.uk](mailto:industry@process.nscademy.co.uk) clearly marked " JIP enquiry".

## Cogent JIP - approved qualifications list

Year 1	Units
Diploma in Operations and Technical Support in the Process Industries	3
NVQ Diploma in Process Engineering Maintenance	3
Diploma in Jetty Operations	3
Diploma in Downstream Control Room Operations	3
NVQ Diploma in Business Improvement Techniques	3
Certificate in First Line Management	3
Certificate in Process Technology (in development)	3
Diploma in Management	4
Year 2	
Diploma in Polymer/Polymer Composite Operations	3
Leading Effective Teams	3
Applying Workplace Organisation Techniques	3
Applying Continuous Improvement Techniques (Kaizen)	3
Developing Visual Management Systems	3

Creating Flexible Production and Manpower Systems	3
Carrying Out Problem Solving Activities	3
Analysing and Selecting Parts for Improvement	3
Applying Lead Time Analysis	3
Carrying Out Value Stream Mapping (VSM)	3
Applying Set-Up Reduction Techniques	3
Applying Total Productive Maintenance (TPM)	3
Applying Flow Process Analysis	3
Applying Policy Deployment (Hoshin Kanri, quality operating systems, business plan deployment)	3
Applying Value Management (Value Engineering and Value Analysis)	3
Creating Standard Operating Procedures (SOP)	3
Applying Six Sigma Methodology to a Project	3
Carrying Out Six Sigma Process Mapping	3
Applying Basic Statistical Analysis	3
Applying Failure Modes and Effects Analysis	3
Applying Mistake/Error Proofing (Poka Yoke)	3
Carrying Out Statistical Process Control (SPC) Procedures	3
Applying Six Sigma Metrics to a Project	3
Producing a Characteristic Selection Matrix	3
Carrying Out Measurement Systems Analysis (MSA)	3
Carrying Out Capability Studies	3
Producing Multi-Variance Charts	3
Applying Hypothesis Testing	3
Award in Controlling Resource Efficiency (Energy)	3
Award in Controlling Resource Efficiency (Waste Minimisation)	3
Award in Controlling Resource Efficiency (Water)	3
Award in Controlling Resource Efficiency (Transport)	3
Award in Managing Resource Efficiency (Energy)	4
Award in Managing Resource Efficiency (Waste Minimisation)	4
Award in Managing Resource Efficiency (Water)	4
Award in Managing Resource Efficiency (Transport)	4
BTEC HNC Diploma in Mechanical Engineering	4
BTEC HNC Diploma in Electrical Engineering	4
Diploma in Management	4
Diploma in Operations and Technical Support in the Process Industries	3
NVQ Diploma in Process Engineering Maintenance	3
Diploma in Jetty Operations	3
Diploma in Downstream Control Room Operations	3
NVQ Diploma in Business Improvement Techniques	3
Certificate in First Line Management	3
Certificate in Process Technology (in development)	3
Laboratory and Associated Technical Activities	3