



OPITO APPROVED STANDARD

Trainee Blaster/Painter Training Standard

An industry work group, coordinated by OPITO, developed the contents of this standard. The following companies were represented on the work group:

BIS Salamis (M & I) Ltd, Aberdeen
Cape Industrial Services Ltd., Aberdeen
RBG, Aberdeen

Guidance and advice on this training standard is available by contacting;

OPITO
Minerva House
Bruntland Road
Portlethen
Aberdeen
AB12 4QL

Tel: 01224 787800

Email: standards.management@opito.net

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AMENDMENTS					
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1	Changed footer to reflect amendment numbering scheme 15-Dec 2008	All except title page	T. Wilson	J. Cameron	M. Duncan
2	Optimum time for initial training changed from 28 hours to 24 hours 06-Feb 2009	18	T. Wilson	T. Wilson	M. Duncan
3	Added Section B on the Blended Four Day Blaster/Painter and Fireproofing Course	19-21	T. Wilson	T. Wilson	M. Duncan

Any amendments made to this standard by OPITO will be recorded above.

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INTRODUCTION

Not only will a new coat of paint make a structure look fresh, updated and well-maintained, it will also protect the surface underneath the coating.

Despite a history of painting jobs being low on the priority list and practitioners being regarded as mere 'brush hands', an industrial painting career now requires fully-trained personnel who can run compressors, blasting equipment and paint spraying devices with due regard for regulations and the environment.

Blaster/painters could find themselves working in a confined space to coat the inner surface of a storage tank or they may get to blast clean a helideck on an oil rig in the vast open spaces of the North Sea. Wherever the work takes them, industry is turning more and more to trained blaster/painters to provide corrosion resistance and essential safety features in environments under extreme exposure.

However not all blaster/painters are trained or assessed to a consistent level and it has been difficult to provide on-the-job experience for personnel to hone their skills. The OPITO Trainee Blaster/Painter Training Standard (and its accompanying OPITO Blaster/Painter Competence Standard) provides a structured training and assessment programme embracing the essentials of the blaster/painter role.

GLOSSARY

COSHH	Control of Substances Hazardous to Health
HASAWA	Health & Safety at Work Act
HAVS	Hand-Arm Vibration Syndrome
MEWP	Mobile Elevated Work Platform
MSDS	Material Safety Data Sheet
MTDS	Manufacturers' Technical Data Sheet
PPE	Personal Protective Equipment
PTW	Permit to Work
PUWER	Provision and Use of Work Equipment Regulations
RPE	Respiratory Protective Equipment
WAH	Working at Height

SECTION A TRAINING PROGRAMME

A.1 Target Group

Trainee Blaster/Painter Training presents the core blasting, painting and spraying skills required by personnel who want to work as an industrial blaster/painter.

Newcomers to the trade will be required to take the full course at an OPITO approved training establishment. **On-the-job training and assessments will continue with project placement.**

The training programme could also serve as a useful refresher course for experienced blaster/painters who want to test their knowledge and skill before being assessed against the OPITO Blaster/Painter Competence Standard (related document).

A.2 Delegate Prior Achievement

There are no prior achievements required for Trainee Blaster/Painter Training.

A.3 Medical and Health Requirements

Prior to participating in any physical activity training establishments should ensure that delegates have an appropriate medical screening.

It is recommended that this information be given to delegates along with pre-course joining instructions.

A.4 Learning Outcomes

During the training programme, the candidates will gain a **basic** level of knowledge for working as an industrial blaster/painter. At no time will delegates be expected to immediately transfer these skills to the workplace. They will be supervised and given hands-on training until such a time as they are deemed competent to take their place in a functional team.

By the end of the trainee course the delegates will have demonstrated their skills and the level of knowledge and understanding of the following key areas:

MODULE 1 Introduction to industrial blasting & painting

Delegates will be able to describe/identify:

- 1.1 The history & significance of the blasting/painting industry

MODULE 2 Working safely

Delegates will be able to describe/identify:

- 2.1 Potential hazards for blaster/painters
- 2.2 Regulations governing contemporary practices
- 2.3 Working safely incorporating risk assessments, PPE and HAVS exposure
- 2.4 Working at height requirements
- 2.5 Manual handling practices
- 2.6 Working in confined spaces
- 2.7 Protecting adjacent surfaces & the environment

MODULE 3 Compressor awareness

Delegates will be able to describe/identify:

- 3.1 The power source/air supply for blasting & painting

MODULE 4 Surface preparation & blasting

Delegates will be able to describe/identify:

- 4.1 Common surfaces and the reasons for preparing a surface correctly
- 4.2 Cleaning surfaces by hand or with power tools
- 4.3 Equipment, abrasives & methods used in dry grit or wet slurry blasting

Continued...

A.4 Learning outcomes continued...

MODULE 5 Painting & coating

Delegates will be able to describe/identify:

- 5.1 Paint types and the importance of correctly mixing coatings and film thickness
- 5.2 Brushes & rollers used for coating applications
- 5.3 Airless or conventional paint sprayer systems
- 5.4 High-performance coatings for specialist applications

MODULE 6 Quality control

Delegates will be able to describe/identify:

- 6.1 Quality control for trainees
- 6.2 Charge hand or supervisor's roles & responsibilities

Throughout the six modules:

Delegates will demonstrate (testing application of knowledge and understanding):

- Preparing & working with due regard to a risk assessment
- Participation in a Tool Box Talk
- Using PPE appropriate for the task
- Completing a HAVS Exposure Record Form
- Manual handling techniques for individuals & teams
- Masking surfaces
- Routine checks, setting up lines, start-up & shutdown of compressors
- Degreasing & cleaning surfaces
- Preparing surfaces using power tools
- Equipment & methods for abrasive blasting
- How to mix single & two pack coatings
- Applying paint to surfaces using a brush or roller
- Measuring wet film thickness with a wet film gauge
- Applying coatings using airless or conventional spraying equipment
- Applying a non-slip coating

A.5 Training Programme

The training programme outlined below will assist delegates to meet the stated learning outcomes.

In order to make efficient use of the time and ensure effective learning the three phases of explanation, demonstration and practise should be integrated within the course, wherever practical. Full use should also be made of photos & pictures, computer based training, DVDs, videos and course hand-out materials.

Practical exercises should be designed and delivered solely to meet these standards, and must not place on delegates any physical or mental demands other than those required to meet the standard.

Module 1 INTRODUCTION TO INDUSTRIAL BLASTING & PAINTING

Unit 1.1 History & significance

Give an overview of:

- a) The history and importance of the industry e.g.
 - Technical specialty now; practitioners are not just 'brush hands'
 - Coatings increase the lifespan of structures
 - Personnel are safer with skid-free walkways

Module 2 WORKING SAFELY

Unit 2.1 Blasting & painting hazards

Give an overview of:

- a) The occurrence of hazards for blasting/painting activities such as:
 - Working at height
 - Manual handling
 - Confined spaces
 - Blasting process & equipment
 - Painting tools and equipment
 - Hand & arm vibration syndrome
 - Breathing difficulties
 - Hazardous chemicals and materials

Unit 2.2 Regulations

Give an overview, with particular emphasis on the sections applicable to the blaster/painter industry, of:

- a) Regulations governing current work practices:
 - The Health & Safety at Work Act 1974 (HASAWA)
 - The Work at Height Regulations 2005
 - The Manual Handling Operations Regulations 1992
 - The Confined Spaces Regulations 1997
 - COSHH Regulations 2004
 - Control of Vibration at Work Regulations 2005
 - Provision and Use of Work Equipment Regulations 1998 (PUWER)

Continued...

Module 2 Working Safely continued...

Unit 2.3 Working safely

Give an explanation of:

- a) The obligations and responsibilities of workers and employers for safety
- b) Attending & contributing to Tool Box Talks
- c) Understanding the Safety Observation System applicable to the location & applying it, if necessary
- d) Inspection of the certification plates on all tools and equipment, ensuring the equipment is being used within the recall time
- e) HAVS conditions and the importance of maximum exposure
- f) Reading a COSHH assessment sheet and applying the recommendations to the project
- g) Testing Respiratory Protective Equipment (RPE) regularly – checking that the tests have been done
- h) Ensuring there is no odour from the breathing apparatus
- i) Telling the difference between lines using colour & fittings
- j) Washing and conditioning hands before and after handling abrasives and/or paint
- k) The conditions in which grit and paint are stored
- l) The consequences of faulty or disengaged 'dead man' units
- m) Working on live lines (getting wall &/or pipe thicknesses verified before commencing work))
- n) The use of warning signs and notices to cordon off the worksite
- o) Maintaining two escape routes for every situation
- p) Working in a team for set-up, safety on-the-job and cleanup
- q) The requirement and use of communications i.e. hand signals in order for teams to work efficiently and safely together

Give a demonstration of and delegates to practise:

- r) How to prepare a risk assessment using a likelihood X severity numerical evaluation & how to use a risk assessment to plan the job
- s) The appropriate location and content for Tool Box Talks
- t) PPE & RPE available for blaster/painters and selecting items appropriate for the task e.g.
 - Dust masks
 - Vapour masks
 - Waterproof coveralls
 - Blast hood mask and protective apron
 - Air fed masks
 - Paper hoods or balaclavas etc.
 - Blast gauntlets
- u) Working with the reduced visibility of breathing apparatus; installing and working with tear offs on a blast hood and taking small steps when hooked up to an airline
- v) Identifying exposure times for hand held tools and reporting working times on a HAVS Exposure Record Form

Continued...

Module 2 Working safely continued...

Unit 2.4 Working at height

Give an overview of:

- a) Accident statistics relating to WAH operations
- b) Assessing WAH risks according to a hierarchy of control considering
 - Weather
 - Location
 - Fragile surfaces
 - Inspection & maintenance of equipment
 - Adjacent activities
- c) Taking up only the tools required at any one time
- d) Using work positioning equipment or barriers to prevent falls
- e) Safe use of ladders, scaffolding equipment and MEWPs
- f) The Scafftag system
- g) Associated WAH fall protection systems including harnesses, lanyards, air bags & safety nets

Unit 2.5 Manual handling

Give an overview of:

- a) Statistics of manual handling incidents
- b) The function of the human spine and types of injury
- c) Assessing manual handling operations for the possibility of risk
- d) The use of mechanical aids (trolleys or forklifts)

Give a demonstration of and delegates to practise:

- e) Safer lifting techniques & team handling

Continued...

Module 2 Working safely continued...

Unit 2.6 Working in confined spaces

Give an explanation of:

- a) Confined spaces (e.g. vessels, tanks, voids or trenches)
- b) The Permit to Work system required for jobs in confined spaces
- c) Assessing confined space operations for the possibility of risk such as:
 - Lack of oxygen
 - Poisonous gases, fumes or vapours
 - Liquids/solids that can fill the space
 - Fire & explosions
 - Hot conditions
 - Adequate lighting
 - Claustrophobia
 - Trip hazards
- d) Methods to control the risk such as:
 - Does the work need to be done?
 - Atmospheric testing
 - Mechanical & electrical isolation
 - Using an airline breathing apparatus
 - Venting the vessel with an air mover
- e) Consistent communications between people inside and outside the confined space to summon help in an emergency

Unit 2.7 Protecting adjacent surfaces & the environment

Give a description of:

- a) ISO 14001 (the international environmental standard) especially the sections applicable to the blaster/painter industry such as:
 - Limiting dust, debris and hazardous material from contaminating the environment and harming personnel
 - Total containment of spent materials and surface cuttings
 - Proper collection, cleanup, storage, recycling & disposal of waste material
 - Choosing methods & products that present the least harm to the environment
- b) The importance of masking up
- c) Using closed knives to cut polythene sheets for masking up
- d) Constructing a habitat around a blasting/coating project
- e) Mixing correct amounts of paint to limit waste

Give a demonstration of and delegates to practise:

- f) Protecting surfaces not being coated (masking up) with tape & polythene sheets etc.
- g) Removing masking materials protecting surfaces & equipment

Module 3 COMPRESSOR AWARENESS

Unit 3.1 Understanding the air supply

Give an overview of:

- a) A compressor as the power source/air supply for blasting & painting
- b) Different types of compressors that blaster/painters might encounter
- c) Daily checks
- d) Using the compressor in a team (dedicated man needed if compressor not hooked up to main electrical supply with overriding shutdown capability)

Give a demonstration of and delegates to practise:

- e) Ensuring the cooling system is functional with sufficient space around the unit
- f) Opening the doors to check for clearance and foreign objects
- g) Setting up the lines for power tools, blasting equipment, spray painting equipment and breathing apparatus
- h) Starting up the compressor
- i) Shutting down the compressor
- j) Operating the emergency shutdown button

Module 4 SURFACE PREPARATION & BLASTING

Unit 4.1 Providing a prepared surface

Give an overview of:

- a) Reasons for correctly preparing a surface such as:
 - Better adhesion of the coating
 - Better uniformity of the coating
 - Increased corrosion resistance
- b) Various surfaces such as steel & concrete
- c) Selecting tools & equipment making sure they:
 - Have an identification number and valid certification
 - Were maintained by a competent person
 - Have failsafe devices such as dead man handles
- d) Connecting anti-static earthing lines
- e) Consequences of not preparing a surface correctly

Unit 4.2 Initial surface preparation

Give an overview of:

- a) Preparing surfaces by hand using sand paper, wire brushes, chipping hammers or scrapers
- b) Using power tools and hand preparation methods for spot repair

Give a demonstration of and delegates to practise:

- c) Cleanliness checks (with white cloths)
- d) Degreasing & cleaning surfaces with fresh water washing
- e) The use of power tools such as a needle gun or a sander

Unit 4.3 Dry grit & wet slurry blasting

Give an explanation of:

- a) The difference between the two types of blasting with emphasis on life expectancy, dust creation and appropriate locations for use
- b) Pre-shift checks as outlined by PUWER
- c) Selecting the correct type of abrasives as outlined in client specifications
- d) 'Flash rusting' – consequences & control for wet slurry blasting

Give a demonstration of and delegates to practise:

- e) Operating dry grit blasting equipment or wet slurry blasting equipment
- f) Pressure relief; starting & stopping the equipment

Module 5 PAINTING & COATING

Unit 5.1 Paint classifications

Give an overview of:

- a) Types of coatings suitable for industrial use
- b) MTDSs which show recommendations for:
 - Wet & dry film thickness
 - Environmental conditions/temperature of steel
 - Type of thinner
 - Mixing instructions
 - Correct tip size for spray tip
 - Overcoating times
- c) The importance of film thickness
 - Too little – premature failure
 - Too much – solvent entrapment, splitting, loss of adhesion
- d) Shelf life of single paints
- e) Shelf life of two pack materials

Give a demonstration of and delegates to practise:

- f) Mixing single & two pack materials

Unit 5.2 Application by brush & roller

Give an explanation of:

- a) Types and sizes of paint brushes and rollers
- b) Selecting the correct utensil for the application
- c) Using brushes for stripe coating

Give a demonstration of and delegates to practise:

- d) How to correctly apply paint to surfaces using a brush or a roller
- e) How to measure wet film thickness using a wet film gauge
- f) How to clean and store paint brushes or rollers

Continued...

Module 5 Painting & coating continued...

Unit 5.3 Application by airless or conventional sprayers

Give an overview of:

- a) An airless or conventional spray system - the purpose and function of each component
- b) The importance of effective stripe coating

Give a demonstration of and delegates to practise:

- c) Using the equipment to correctly apply paint to selected surfaces
- d) Cleaning the equipment and lines after use

Unit 5.4 Specialist coatings

Give a description of:

- a) Thermal metal spraying (such as Thermal Spray Aluminium)
- b) Vessel/tank linings
- c) Levelling a floor before applying a non-slip coating
- d) Using prepared tiles for a non-skid surface

Give a demonstration of and delegates to practise:

- e) Applying a non-slip coating

Module 6 QUALITY CONTROL & THE SUPERVISOR'S ROLE

Unit 6.1 Quality control for trainees

Give an overview of:

- a) The total effort and cooperation of all workers involved in blasting/painting work
- b) Participating in continual risk assessments and pre-job discussions
- c) Following instructions
- d) Using equipment correctly
- e) Cleanliness checks and washing surfaces with fresh water
- f) Checking wet film thickness during and after application of coatings
- g) Preparing equipment ready for re-use – dismantling & cleaning
- h) Storing tools & equipment
- i) Restoring the site to its original condition

Unit 6.2 The supervisor's role

Give an overview of:

- a) Charge hand or supervisor responsibilities which the trainee blaster/painter will encounter in the workplace:

Project planning

- Interpreting MTDSs, client specifications and engineering diagrams to decide on the appropriate blasting or coating method
- Using flow charts to control work scope and for ordering equipment, materials & PPE
- Having a work pack with procedures and previous risk assessments
- Preparing an emergency response plan for WAH
- Atmospheric testing for confined space entry
- Back loading the equipment

Environmental Conditions awareness

- Measuring environmental conditions such as:
 - Wet & dry bulb temperatures using a whirling hygrometer
 - Humidity & dew point using hygrometric tables
 - Steel temperature using a steel temperature gauge
- Constraints with regard to humidity (dew point)
- Constraints with regard to surface temperature
- Unacceptable variances in environmental conditions
- Prohibiting uncontained spray painting or blasting activities
- Prohibiting spray painting or blasting during windy conditions

POWER

- Ensuring tools/equipment are within specification and recall time

Continued...

Module 6 Quality control and the supervisor's role continued...

Blasting

- Checking blast profile is within specifications – Testex tape and blast profiler

Painting

- Recording batch numbers and shelf life of coatings
- Confirming that the coating surface is not contaminated
- Developing a spill plan; locating spill containers
- Selecting and/or correctly sizing components needed for spraying different materials and surfaces
- Calibrating dry film thickness gauge and recording calibration of equipment in register
- Accurately measuring dry film thickness between coats & after final application
- Allowing for the correct time between coats

Quality Control

- Holiday detection
- Recording film thickness, inspection results & testing on daily reports
- Symptoms, causes and prevention of common coating failures
- Properties and applications of high-performance coatings
- Recording any variances to the specifications or work scope
- Correcting the variances to meet client specifications

A.6 Duration of Training

The total training day includes:

- contact time
- refreshment and meal breaks
- travel time between facilities (if applicable)

The optimum time for this course is **24 hours** with a suggested ratio of **15% theory to 85% demonstration and practice.**

Contact time for delegates should not run more than 2 hours consecutively without a refreshment break.

The total contact time per day shall not exceed 8 hours and the total training day shall not exceed 10 hours.

A.7 Assessment

Delegates (referred to as candidates during assessment) attending this training programme will be given a series of explanations and demonstrations which will identify what they are expected to know and do.

Following the theory and demonstration portions there will be short written examinations and practical tests allowing delegates to demonstrate their knowledge and understanding of the requirements for the trainee blaster/painter role.

Training providers should have a policy and procedure in place for dealing with persons not meeting the stated learning outcomes.

SECTION B BLENDED BLASTER/PAINTER & FIREPROOFING TRAINING

B.1 The 4 day Blaster/Painter Course with Fireproofing Option

OPITO – The Oil & Gas Academy has an OPITO approved Fireproofing training standard in addition to this OPITO approved Blaster/Painter standard.

Due to the similarity between the standards in the safety, air supply, surface preparation, quality assurance and supervisor units, a **one day** (8 hours) fireproofing course can be **added to the end** of the blaster/painter standard.

Dual certificates (i.e. an OPITO approved Blaster/Painter certificate and an OPITO approved Fireproofing certificate) can be awarded to the delegates on successful completion of the four day course under the following conditions:

- The training provider **must** have OPITO approval to deliver both the Blaster/Painter training and the Fireproofing training in their entirety
- The training outcomes in Section B.2 and the training programme in Section B.3 will be delivered during the reduced fireproofing section of the blaster/painter training

B.2 Learning Outcomes (4 day combined course)

By the end of the trainee fireproofing course the delegates will be able to explain:

- The history & significance of the fireproofing industry
- Potential hazards for fireproofers
- Fireproof coating types and the importance of coating thicknesses
- Mixing methods and equipment
- Mixing materials, including solvents
- Coating application methods for hand application
- Coating application using a plural pump and a single component pump
- Roller and stipple coating finishes
- Use of retention and re-inforcing systems and materials

By the end of the trainee fireproofing course the delegates will be able to demonstrate:

- Applying coatings to surfaces using a trowel and a float
- Applying fireproofing coatings using hand application, plural pumps and single component pumps

B.3 Training Programme (4 day combined course)

Module 1 INTRODUCTION TO INDUSTRIAL FIREPROOFING

Unit 1.1 History & significance

Give an overview of:

- a) The history and importance of the industrial fire protection e.g.
 - Technical specialty now; practitioners are highly regarded
 - How coatings protect the steel structure from the effects of fire

Module 2 APPLYING FIREPROOF COATINGS

Unit 2.1 Coating classifications

Give an overview of:

- a) Types of coatings suitable for industrial fireproofing use such as:
 - Cementitious coatings
 - Intumescent coatings
- b) MTDSs which show recommendations for:
 - Wet & dry-coating-thickness
 - Environmental conditions/temperature of steel
 - Type of solvent
 - Mixing instructions
 - Correct size for spray tip
 - Overcoating times
- c) The importance of coating thickness
- d) Use of retention and re-inforcing systems & materials
- e) Correct storage and shelf life of products

Give a demonstration of and delegates to practise:

- f) Mixing products with solvents (using simulation)

Continued...

Module 2 Applying Fireproof Coatings continued...

Unit 2.2 Application by hand

Give an explanation of:

- a) Selecting the correct hand tools for the application such as a trowel, a float or a roller

Give a demonstration of and delegates to practise:

- b) How to correctly apply coating to surfaces using hand tools
- c) How to measure wet film thickness using a depth gauge
- d) How to clean and store rollers

Unit 2.3 Application by plural or single component sprayers

Give an overview of:

- a) A plural or single component sprayer
- b) The purpose and function of each member of the team

Give a demonstration of and delegates to practise:

- a) Using the equipment to correctly apply coatings to selected surfaces
- b) Cleaning the equipment and lines after use

B.4 Equipment for four day course

Module 2 Applying fireproof coatings

- a) Coating products for demonstrations
- b) Plural or single component spraying equipment
- c) Surfaces for demonstrating and practicing coating techniques
- d) Hand tools and rollers
- e) Depth gauge & hand drill
- f) Thinner to clean tools and equipment

SECTION C RESOURCES

C.1 Staff

In order for a training programme to be delivered successfully it is necessary to have appropriate people in presenting and supporting roles.

OPITO Approved Training Providers will deliver and carry out assessment of the modules.

- **Training staff will be:**
 - Knowledgeable with respect to blasting and painting operations
 - Trained in presentation skills
 - Included in an ongoing training and development programme, which ensures they are aware and knowledgeable of all changes to legislation and industry requirements
- **All staff will have:**
 - Appropriate competencies to conduct/assist with the element of training being undertaken
 - Ability to maintain accurate records of the candidates' performance in tests and practical exercises

C.2 Trainer/Delegate Ratio

The ratio shown for theory sessions indicates the maximum number of delegates that should attend the course in any one session.

Ratios indicate the maximum number of delegates to be supervised by an instructor at any one time during each activity.

Theory	1 : 8 (maximum)
Demonstrations	1 : 4
Practise sessions	1 : 4

C.3 Facilities

To ensure proper presentation the training provider should adhere to the following criteria and provide a designated room or space that will not be used simultaneously for any other activity and which includes:

Administration arrangements appropriate for enrolment and certification of delegates.

Theory training area(s) with sufficient room to allow delegates to participate fully in group theory or syndicate paper exercises. Each delegate should be afforded ample space to be comfortable when carrying out theoretical exercises.

Practical training area(s) with adequate floor space for each delegate to participate fully in practical demonstrations and exercises.

C.4 Equipment

The following equipment is required to meet the stated content of the training course. The examples should be from blasting/painting/spraying activities and should relate to the topics covered in the training section.

All equipment must be maintained, and where appropriate, inspected and tested in accordance with current standards/legislation.

Module 2 Working safely

- a) Covering media to protect adjacent surfaces and/or the environment
- b) PPE including dust masks, vapour masks, paper hoods, a blast hood and air-fed masks
- c) Examples of MSDSs, MSTDs, COSHH sheets, HAVS forms and risk assessments
- d) Sample equipment to demonstrate manual handling techniques
- e) Tape & polythene sheets for masking up

Module 3 Compressor awareness

- a) Compressors appropriate to the type of equipment

Module 4 Surface preparation & blasting

- a) Examples of cleaning and surface preparation items
- b) A needle gun or a sander
- c) Abrasive suitable for wet slurry or dry grit blasting activities
- d) Dry grit or wet slurry blasting kettles, lines & equipment

Module 5 Painting & coating

- g) Paint products for demonstrations
- h) Paint mixing containers & equipment
- i) Surfaces for demonstrating and practicing painting techniques
- j) Brushes and/or rollers
- k) Airless or conventional spray unit with lines & guns
- l) Wet film gauge
- m) Materials and a horizontal surface for applying a non-slip coating
- n) Thinner to clean tools and equipment

Module 6 Quality control

- a) Examples of documentation needed to record work

SECTION D OUTCOME

D.1 Certification and Recording

An OPITO Blaster/Painter Training certificate will be issued to all delegates assessed as meeting the stated learning outcomes. The issue of the certificate indicates that the delegate has achieved the level of training as defined by OPITO under guidance from oil & gas industry employers.

Each individual attending any OPITO approved course must complete a central register form. This form must be returned by the training establishment to OPITO within seven working days of completion.

It is the responsibility of the training provider to issue the delegates with a certificate containing the following:

1. OPITO logo
2. Establishment Name
3. Full OPITO Course Title & Number
4. Delegate's Name
5. Course Date
6. Unique Certificate Number
7. Establishment Signatory

D.2 Further Training & Periodicity

Given the introductory nature of this training, it is assumed that delegates won't have to repeat the programme on a regular basis. On-the-job experience will provide the majority of skills improvement once the initial course has been taken.