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**NPTC LEVEL 2 AWARD
IN THE
SAFE USE OF PESTICIDES (QCF)**

MODULE PA10 - BATCH DIPPING

ASSESSMENT SCHEDULE

Objective - Candidates will be able to:

1. Prepare equipment and work area for use following an accepted procedure, add pesticide and work to a safe method without risk to themselves, other people, and the environment.
2. Use the information detailed on product labels to determine the approved uses for the product and its potential hazards to human safety, non-target areas and the environment in general.
3. Carry out regular checks of equipment and quantity of diluted pesticides.
4. Follow procedure for safe disposal of tank contents.
5. Carry out correct procedure for cleaning personal protective equipment and application equipment which may have been contaminated with pesticide.

Qualification and Credit Framework (QCF) – credit value

PA1 has a credit value of 2 credits on the QCF.

Safe Practice

Operating the equipment in such a way as to put the candidate, assessor, equipment or the environment at risk will cause the candidate to be declared not yet competent.

All equipment must be of the standard required under current Health and Safety legislation.

Candidates must wear personal protective equipment appropriate to the product label/COSHH risk assessment whenever carrying out work in the treatment area.

Pre-requisites

The foundation unit (PA1) is required by candidates before being assessed for this application unit.

Validation of equipment

Candidates who undertake this assessment and are judged 'Competent' are reminded of their legal obligation to receive/undertake appropriate additional training in the use of any equipment that differs from that used during the assessment, but which they are nevertheless qualified to use.
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Operator's instruction book and calibration charts/calculators should be available for use by the candidate throughout the assessment. Any other relevant literature may also be used.

Site: Work site with suitable filling/washing and draining facilities which comply with current environmental best practice.

Suggested facilities and equipment required to run the assessment:

Appropriate dipping equipment.

Clean water supply.

Clean product labels or label duplicates.

Personal Protective Equipment to comply with pesticide label/COSHH risk assessment

Accurate and suitable measuring jug.

Suitable materials to be dipped.

Appropriate containers of pesticides/simulated pesticide.

First Aid kit which complies with the Health & Safety (First Aid) Regulations 1981.

Washing facilities.

Appropriate Application Record Sheets

Scales

Assessment Activity	Assessment Criteria
Preparation	
1. Check and prepare treatment area and equipment	<ul style="list-style-type: none"> - Clear floor space - Access to controls - Suitability of tank - Suitability of draining area - Condition of pipe work/filling devices - Valves free and correctly positioned - Condition of filters
2. Demonstrate knowledge of legal requirements and safety regulations	<ul style="list-style-type: none"> - Awareness of, any safety implications imposed by the Risk Assessment on the machine and operation - Awareness of any guarding requirements - Comply with the Code of Practice
3. Read and interpret product label (as supplied or approved by the Assessor).	<p>Candidate to identify</p> <ul style="list-style-type: none"> - Field of use - Crop/target - Product being used - The pesticide application - The pesticide dilution rate - Mixing requirements - Temperature requirements - Specific product precaution - Restrictions on use - Additional label information - PPE requirements
Site Work	
4. Assess the environmentally sensitive factors of the work area	<ul style="list-style-type: none"> - Ventilation - Drains - Wildlife - Public access - Factors particular to site - Containment of spillage - Correct connection to water supply - Provision for disposal of pesticide dip - Provision for disposal of sludge from tank - Note presence of non-targets susceptible to product.
5. Calculate, measure and mix pesticide	<ul style="list-style-type: none"> - Ensure approved techniques are followed with due regard to safe practice - Correct dose rate - Determine volume to be mixed - Availability and correct use of water supply. - Observance of pesticide manufacturer's instructions for mixing, agitation, tank mixes. - Accurate measurement of pesticide. - Rinsing and storage of empty pesticide containers - Correct filling procedure - Use of filling device where available - Avoidance of spillage - Safe storage of unused concentrated pesticide - Security of pesticide packs

Assessment Activity	Assessment Criteria
<p>6a. Carry out dipping process</p> <p>6b. Demonstrate knowledge of top up procedures</p> <p>6c. Remove containerised product from dip tank, drain and move to suitable storage area</p>	<ul style="list-style-type: none"> - Safe lifting/loading - Avoid splashing/contamination - Correct immersion depth and time - Maintain temperature (if appropriate) - Correct concentration - Mixing procedure - Check temperature (if applicable) - Avoid splash/spillage - Avoid splashing/contamination - Safe lifting procedure - Suitable draining area - Correct draining time - Suitable storage site
Post Operation	
<p>7. Demonstrate knowledge of cleaning and decontamination of equipment</p>	<ul style="list-style-type: none"> - Safe removal of surplus pesticide dip by approved methods - Safe disposal of sludge by approved methods - Washing procedure - Safe disposal of tank washings - Frequency of cleaning
<p>8. Demonstrate knowledge of preparation for storage</p>	<ul style="list-style-type: none"> - Equipment clean - Tank dry - Pump drained or filled with antifreeze - Hoses drained - Inspect for wear and/or damage
<p>9. Complete application record</p>	<ul style="list-style-type: none"> - Records completed - Accurate recording