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| 1. Title | Aeronautical graphic artwork production |
| 2. Code | EMAMWS405A |
| 3. Range | Maintenance and design of aircraft parts, e.g. charts, posters, cards, certificates, maps, graphs and forms using manual, electronic and micrographic means. |
| 4. Level | 4 |
| 5. Credit | 9 |
| 6. Competency | <p style="text-align: center;"><u>Performance Requirement</u></p> <p>6.1 Layout and presentation principles</p> <ul style="list-style-type: none"> ◆ Understand the layout and presentation principles of engineering drawings, including: <ul style="list-style-type: none"> • drawing types and uses of symbols • dimensions, tolerances and projections ◆ Able to accept and document the job in accordance with the procedures. ◆ Able to establish and record the job specification and production methods in accordance with the procedures, e.g. customer requirements, manual, electronic and micrographic equipment capabilities. ◆ Able to research and apply the industry specifications to meet job specifications in accordance with the procedures. ◆ Able to assembly, position and prepare the materials and equipment for graphic artwork production |

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| | <p>6.2 Produce draft and final aeronautical graphic artwork and confirm with customer.</p> | <ul style="list-style-type: none"> ◆ Use drawing tools effectively to produce engineering drawing, with the application of knowledge in: <ul style="list-style-type: none"> • basic mathematical calculation • symbols • graphical presentation skills ◆ Able to produce sketches in accordance with the procedures. ◆ Able to produce draft graphic artwork in accordance with standards and job specifications. ◆ Able to produce requested number of copies in accordance with job specifications, e.g. manual, electronic, micrographic. ◆ Able to dispatch copies in accordance with job specifications and procedures, e.g. packed, dispatched. ◆ Able to complete and archive documentation in accordance with the procedures. ◆ Able to obtain certification for completed task in accordance with the procedures. |
| | <p>6.3 Professional approach</p> | <ul style="list-style-type: none"> ◆ Able to use different means to produce engineering drawings, including different drawing, types and diagrams. ◆ Able to complete the task within the stipulated duration. ◆ Able to clean, prepare and store the equipment for future use in accordance with the procedures. ◆ Able to handle hazardous waste materials in accordance with the procedures. ◆ Able to left the work area in a condition that enables the next task to begin. |

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| <p>7. Assessment Criteria</p> | <p>The integral outcome requirement of this UoC are:</p> <ul style="list-style-type: none"> (i) Able to make preparation for the production of aeronautical graphic artwork. (ii) Able to produce draft aeronautical graphic artwork and confirm with customer. (iii) Able to produce final aeronautical graphic artwork. (iv) Able to prepare the equipment and work area for future use. |
| <p>8. Remarks</p> | <p>(Ref: HKAR-66 Module 1 & 7.5)</p> <p>The Credit in this UoC is on the assumption of the person already possessed foundation knowledge in the manipulation of drawing tools.</p> <p>Ref: NZQA - 4016</p> |