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| International Aerospace Quality Group (IAQG) Training Course Specification Sheet. | | Reference: TCSS 003 |
| | | Issue: 02 September 2021 |
| Course Title | IAQG Aviation Maintenance (AM) Specific Knowledge Course. | |
| Purpose of the Course | To provide AM specific knowledge and demonstrate an understanding of the principles, requirements, controls and application of the topics detailed in the course syllabus. | |
| Course Duration | 1 day (or 8 hours) minimum, including a 1 hour written examination. | |
| Course Structure | Subject matter presentation and active participation in discussion, activities etc. as appropriate to the delivery method in order to embed the learning. | |
| Type of Delivery | <p>This course can be delivered by a Training Provider (TP) in any one of three formats:</p> <ol style="list-style-type: none"> 1. Face to face (classroom) learning. 2. Remote (virtual). 3. On-line learning accessed by the student and undertaken at their own pace. <p><i>Note: Evidence of knowledge of the AM course syllabus requirements is demonstrated by the successful completion of an approved examination (see Criteria for Examination and/or Assessment).</i></p> | |
| Class Size | To be determined by the TP. | |
| Language(s) | Variable dependent on region. | |
| Course Variation | AM regulatory requirements (e.g. regional authority regulations) covered in the course shall be applicable to the location in which the course is presented. | |
| Course Syllabus | <p>The course shall include detailed introductions of the principles, requirements, controls and application across the AM industry of:</p> <ul style="list-style-type: none"> • AM regulatory requirements; • Maintenance Organisation Exposition (MOE), manuals, handbooks; • Continued airworthiness management; • Development and control of technical data, maintenance programs and repair schemes; • Qualification and certification of persons; • Customer owned property and equipment; • Identification and control of serviceable/unserviceable articles or products; • Parts distribution and rotatable pools; • Tool control process; • Prevention of suspected unapproved parts; • Installation of approved parts; • Return to service processes; • Equipment testing requirements; • Flight testing process; • Weight and balance process; and • Wing walking and/or aircraft marshalling techniques. | |
| Learning Objectives | <p>Students will gain knowledge and understanding during the course of:</p> <ul style="list-style-type: none"> • The principles of Aviation maintenance regulatory authority requirements, roles and responsibilities, including where to obtain additional information (requirements as applicable to the location where the course is being presented); • The preparation, issue and control of the MOE, manuals, handbooks; • Continued airworthiness management; • The development and control of maintenance programs, technical data and repair schemes; • Evaluation of a new capability; • The qualification and certification of persons performing maintenance activities; • The control of maintenance tooling and equipment; • The identification and control of customer owned property and equipment; • The identification and control of serviceable/unserviceable articles or products; • The control of parts distribution and rotatable pools; | |

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| | <ul style="list-style-type: none"> • The process and controls applicable to the prevention of suspected unapproved parts and the installation of approved parts; • The return to service processes; • The requirements for testing aircraft (including flight test), engines and equipment • The weight and balance process; and • Wing walking and/or aircraft marshalling techniques. | | | | |
| Criteria for Examination and/or Assessment | <p>Written open-book examination, set by the TP to validate the knowledge gained, with a minimum examination score of 70%.</p> <p><i>Note: A candidate may take the examination without the training being completed at the discretion of the TP. This decision should take into consideration the candidates knowledge attained through work experience or other sources.</i></p> | | | | |
| Course Output | <ul style="list-style-type: none"> • Certificate of successful completion, indicating the examination criteria has been met; or • Certificate of attendance (at the discretion of the TP), indicating the examination criteria has not been met; however attendance and participation has been acceptable throughout the course. | | | | |
| Instructor Competency and Qualification | <table border="0"> <tr> <td style="text-align: center;"><u>Lead Instructor</u></td> <td style="text-align: center;"><u>Support Instructor(s)</u></td> </tr> <tr> <td> <ul style="list-style-type: none"> • Knowledge of current AQMS standards and AM industry practices; and • Training Provider Approval Body (TPAB) instructor qualification approval. </td> <td> <ul style="list-style-type: none"> • Knowledge of current AQMS standards and AM industry practices; and • TP instructor qualification approval. <p><i>Note: Support instructor(s) are appointed by the TP as a minimum when the class size exceeds 12.</i></p> </td> </tr> </table> | <u>Lead Instructor</u> | <u>Support Instructor(s)</u> | <ul style="list-style-type: none"> • Knowledge of current AQMS standards and AM industry practices; and • Training Provider Approval Body (TPAB) instructor qualification approval. | <ul style="list-style-type: none"> • Knowledge of current AQMS standards and AM industry practices; and • TP instructor qualification approval. <p><i>Note: Support instructor(s) are appointed by the TP as a minimum when the class size exceeds 12.</i></p> |
| <u>Lead Instructor</u> | <u>Support Instructor(s)</u> | | | | |
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| Course/ Assessment Approval Requirements | Course content and delivery methods (plus any subsequent change) requires approval by an OASIS registered TPAB. | | | | |