

De-icing/Anti-icing of Aircraft on the Ground

Course Code DEGI-I-EN-2023

Prerequisites Good understanding of English.

Description De-icing/Anti-icing - Initial Training

Target Group Airline and Airport Personnel involved in the de-icing and anti-icing operations of aeroplanes on the ground. Qualified staff wishing to deepen their knowledge on de-icing and anti-icing operations.

Course Objective "Be able to: - Comply with the regulations (AIR OPS & SAE) and the information concerning the decision to initiate de-icing or anti-icing operations and the evaluation of the protection time. - Know when to carry out aircraft de-icing and anti-icing operations (based on weather forecasts, operational requirements and airport control measures). Complies with the latest editions of the ICAO Manual of Aircraft Ground De-icing/Anti-icing Operations (Doc 9640) and SAE AS6286 (Training and Qualification Program for Deicing/Anti-icing of Aircraft on the Ground)."

Training Language English

Duration 6 to 7 hours

Final Test All trainees need to pass a final exam in order to complete the security course. The minimum pass grade is 75%. If a trainee fails for the first time, he/she will be given a second attempt at the exam. If a trainee fails twice, he/she will have to retake the entire course.

Certification The trainee receives his/her certificate as soon as he/she has successfully passed the final test.

Validity Valid for 2 years

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Key Topics "- AIR OPS, ISO, SAE regulations - Principles of aerodynamics and aircraft performance - Effect of frost, ice, snow, slush or fluids on aircraft performance - Basics of meteorology and reading forecasts (TAF/METAR) - The different products used - Equipment used (individual equipment and use of vehicles) - General techniques for removing frost, ice and snow deposits and for anti-icing - Checking the aircraft after treatment - Communication with the crew on the operations carried out (ICAO standard phraseology) - How to record each operation on the appropriate documentation - Safety and environmental rules concerning the application of fluids - Responsibilities of the various roles (decision, execution and control) - Practical exercises on de-icing equipment and aircraft (if available) - Assessment of knowledge"