



## Full membership of the IAEA

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### Qualification objective and structure

The route to full membership of the IAEA will provide knowledge and understanding of the application of the key issues involved in vehicle damage assessment, including:

Section 1. Basic Principles of Maths and Physics Application to Accident Reconstruction

Section 2. Motor Vehicle Legislation as Related to Insurance Principles

Section 3. Principles and Practice of Vehicle Damage Assessment

Section 4. Motor Insurance

Section 5. Motor Vehicle Technology

To achieve the full membership status of the IAEA you need to complete at least four of the Institute's written examinations (two of which may have been passed at Associate level) as well as having a current (less than four years old) Institute Practical Examination or equivalent.

- [Four IAEA written examination Sections](#) 2,3 & 4 are compulsory and candidates can choose to take either section 1 or 5.
- [IAEA practical exam](#).
- Engaged as an engineer assessor in an automotive assessing role in connection with automotive damage claims.

### Who is full membership of the IAEA suitable for?

- Anyone employed in an engineer assessing role within the motor vehicle repair industry wishing to gain an understanding of insurance and legal principles relevant to the industry, the process of vehicle damage assessment, motor vehicle technology and the principles of physics and maths applied to accident reconstruction.
- Anyone employed in an engineer assessing role within the motor vehicle repair industry wishing to build on their job knowledge with sound understanding of insurance and legal principles relevant to the industry, the process of vehicle damage assessment, motor vehicle technology and the principles of physics and maths applied to accident reconstruction
- Anyone employed in an engineer assessing role within the motor vehicle repair industry wishing to begin or restart their studies towards a professional qualification.

### Are there any specific skills or prior knowledge required to start studying towards full membership of the IAEA?

- Working in an engineer assessing role within the motor vehicle repair industry.
- Relevant training as appropriate for the automotive sector such as an apprenticeship.

## How are the exams assessed?

### **Written exams**

The written exams for sections 2,3 & 4 are 2.5 hours and candidates are required to answer 5 out of 6 questions. Each question will assess knowledge of one or more area of the syllabus and will consist of a number of short answer style questions.

The written exams for sections 1&5 are 3 hours. Section 1 requires candidates to answer 5 out of 6 questions. Each question will assess knowledge of one or more area of the syllabus and will consist of a number of short answer style questions. Section 5 comprises of five questions, each main question is made up of five short answer questions. Candidates are required to answer all five questions. The exams are held at locations across the UK and Dublin, Ireland in June.

Candidates working towards all sections of the written exam are provided with Tutor Marked Assignments (TMA) to assist with preparation for the exam. Each section has five TMAs and an allocated tutor available to mark assignments and provide candidates with feedback.

### [Syllabus](#)

### [Qualification updates \(under construction\)](#)

### **Practical exam**

Candidates are required to complete two physical vehicle assessments using escribe. There will also be one image supported vehicle assessment. For the image based assessment: candidates will be provided with a pre-prepared and fully costed vehicle repair specification including supporting vehicle images and will be required to review the content of the assessment for accuracy.

The assessment will take place over a full day and the assessor will be present at all times. The learning outcomes assessed are:

- Vehicle appraisal and valuation
- Repair methods costings
- Salvage knowledge application

Candidates are required to achieve 70% in all learning outcomes across the three vehicle assessments to pass the practical exam. Candidates including an unsafe repair specification in the repair methods costings will be unable to achieve a pass. An unsafe repair specification is one where a key structural panel/part has been omitted or repaired, or an SRS component has been omitted from the repair specification. In addition incorrect identification of factory fitted safety options fitted to the vehicle e.g. airbags TCS etc. constitutes an unsafe repair specification.

The practical exam can be taken at Thatcham Automotive Academy or DIT Dublin, dates are routinely offered throughout the year. Details can be obtained and bookings made direct via the relevant site.

### **Bridging exam**

Candidates who have a current ATA VDA with one year or more before expiry do not need to take the IAEA practical exam but are required to take the IAEA vehicle valuation and salvage categorisation bridging exam.

Candidates who have passed ATA VDA prior to April 2012 are not required to take the Bridging Exam provided they are able to provide documentation of the previous ATA VDA certification.

The Bridging Exam consists of three valuations assessments and categorising salvage from a book of images of damaged vehicle.

The learning outcomes assessed are:

- Vehicle appraisal and valuation using glasses guide
- Salvage knowledge application using the ABI Code of Practice.

## Completion requirements

	Exam Format	Length of Exam	Pass mark	Total Qualification Time	Study materials
<p>Candidates must complete at least four of the Institute's written examinations Sections 2,3 &amp; 4 are compulsory. All written exams are tested once per year in June at locations across the UK and Dublin, Ireland.</p>					
Written Exam Section 1	Candidates to select 5 out of 6 short answer style questions	3 hrs	60%	100*	Study text and tutor supported assignments.
Written Exam Section 2&4 (Compulsory)	Candidates to select 5 out of 6 short answer style questions	2.5 hrs	60%	100*	Study text and tutor supported assignments
Written Exam Section 3 (Compulsory)	Candidates to select 5 out of 6 short answer style questions	2.5hrs	60%	50*	Study text and tutor supported assignments
Written Exam Section 5	The exam comprises of five questions, each main question is made up of five short answer questions. Candidates are required to answer all five questions.	3 hrs	60%	100*	Online learning materials and tutor supported assignments
<p>Candidates must have completed the IAEA practical exam within four years. Candidates who have a current ATA VDA with one year or more before expiry do not need to take the IAEA practical exam but are required to take the IAEA vehicle valuation and salvage categorisation bridging exam. Candidates who have passed ATA VDA prior to April 2012 are not required to take the Bridging Exam provided they are able to provide documentation of the previous ATA VDA certification.</p>					
IAEA Practical exam	Two physical vehicle assessments and one image assessment.	Full day	70% in all vehicle assessments	21 hours	Three day tutor lead IAEA practical examination preparation available at Thatcham and DIT (Dublin)

	Exam Format	Length of Exam	Pass mark	Total Qualification Time	Study materials
IAEA Vehicle and Salvage Categorisation bridging exam. (only required by those holding ATA VDA)	Three valuation assessments and five salvage categorisation from images.	1.0 hrs	70% in all vehicle assessments	N/A	N/A

\*this is an average figure and individuals may find their study requirements differ slightly.