Refrigeration Air Conditioning and Heat Pump Engineering Technician (Level 3)

**Standard and Assessment Plan for the Apprenticeship (trailblazer)**

The Occupational Standard and Assessment Plan set the requirements for the current government funded Apprenticeship at Level 3 and are aligned to the Engineering Council requirements for Engineering Technician. The Standard and Assessment Plan were originally approved in 2015 and have been subject to a review by a Steering Group of employers and specialist trainers during 2021 with support from the Institute of Refrigeration, the professional body for the sector. The documents follow the mandatory requirements of Government funded Apprenticeship programmes.

Input from employers is now sought on the proposed changes as part of a wider industry consultation. The documents showing changes are available for download at [www.ior.org.uk/apprenticeship-review](http://www.ior.org.uk/apprenticeship-review). The deadline for consultation is 15th December 2021. The form should be returned to [miriam@ior.org.uk](mailto:miriam@ior.org.uk)

**Review Comment Form**

**Section 1**

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| Your name: |
| Email address: |
| Employer: |

**Section 2:** (ST = Standard AP = Assessment Plan)

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| **Proposed change** | **Document reference** | **Your Comment** |
| Remove “design” as a key activity in Occupational Description (note:this is not assessed and will make no change to how the apprenticeship is delivered) | ST  page1 |  |
| New section added “Occupational Duties” (note: new requirement) | ST page 2 |  |
| Minor changes to text to clarify descriptions of Knowledge / Skills / Behaviour (note: changes reflect a clarification of wording only) | ST pages 2/3/4 |  |
| Addition of Level 3 qualification as Mandatory Qualification as required by employers (note: currently only F Gas is mandatory for apprenticeship | ST page 4 |  |
| Addition to Apprenticeship Grading “The content of the evidence provided in the Journal synopsis will be taken into account by the end point assessor conducting the Professional Interview and influence the grading of the question responses.” (note: previously the Synopsis was not assessed)  Addition of mandatory Level 3 qualification as a Gateway Requirement | AP page2  AP page 3 |  |
| Addition of requirement for Level 3 qualification to be completed on-programme (note: previously not included in apprenticeship, now added as an employer requirement) | AP page 2 |  |
| Addition of requirement for Independent End Point Assessor to verify Journal at gateway | AP page 3 |  |
| Removal of grading of Merit for Knowledge test (note: proposal is that apprenticeship be graded pass/distinction only in future as grading boundaries merit/distinction not sufficiently different) | AP page 4 |  |
| Removal of grading of Merit for Professional Interview | AP page 6 |  |
| Removal of capping of grading of final Apprenticeship if candidate retakes/resits exams (note: previously any retake candidate would be awarded a maximum of Pass grade) | AP page 7 |  |
| Clarification of wording to show that candidates can retake/resit “within” the specified time frame not as a minimum gap | AP page 6 |  |
| Minor wording change and additional text to clarify requirements of Practical Assessment. | AP page 16 |  |
| Minor reorganisation of list of equipment required for Practical Assessment | AP page 17/18 |  |
| Interview grading – change to specify that evidence can be drawn from min of 3 and max of 5 projects (note: was previously up to 5 projects) | AP page 20 |  |
| Interview grading – other changes consistent with Assessor taking into account Journal content and removal of merit grade (see above) | AP page 20 |  |
| Guidance on Journal Synopsis – changing of text to clarify requirements for amount of evidence required by task/job | AP page 24 |  |
| Addition of note to clarify that certain tasks may be evidenced in the Synopsis from component change and not necessarily a complete new system installation. | AP page 24 |  |
| Addition of note to clarify that certain tasks may be evidenced in the Journal from component change and not necessarily a complete new system installation. | AP page 25 |  |

**Section 3: Additional comments**

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