

Registered Science Technician - explanatory notes on competencies

Please note that we ask for evidence from *you*. Successful submissions require “I” not “we”; this should not rehearse the work of your organisation, your laboratory, or your team, but explain your *own* application of knowledge and understanding, the techniques that you use and examples of the ways that you might apply your knowledge in your science career.

Application of Knowledge and Understanding

	Explanatory note
1. Apply knowledge of underlying concepts and principles associated with your work	Assessors will be looking for evidence that you can explain the major reasons as to the purpose of the work you undertake and the importance of your work for the project or department you are working in.
2. Review and select appropriate scientific techniques, procedures and methods to undertake such tasks	Assessors will be looking for evidence that you can explain the underlying principles for the methods and technology that you use in your work.
3. Interpret and evaluate data and make sound judgements in relation to scientific concepts	Assessors will be looking for evidence that you can explain the criteria for a successful result and can interpret the results and the importance of the result for the project or area you work in. If applicable you should also be able to describe any calculations or quality control procedures used in the work.

Personal Responsibility

	Explanatory note
4. Work consistently and effectively with minimal supervision to appropriate standards and protocols	Assessors will be looking for examples of how you have managed your own work with minimal input from your supervisor. Also include evidence to show how you identified and agreed with your supervisor the work that had to be done and the agreed standards and time frame for the work.
5. Manage and apply safe working practices	Assessors will be seeking explanations of safety practices in your work area and how they are applied to your work in particular. If you are responsible for a particular area of safety training or monitoring then a description of this should be included. It would also be useful here to list any relevant safety training courses that you have attended.
6. Accept responsibility for the quality of work of self and others	Assessors will be looking for evidence of where you have taken responsibility for the quality of work that you produce and that of others (such as people you supervise). How did you manage your work and that of the person you supervise? Your evidence could include meeting minutes, action plans, project plans etc. If you do not have responsibility for work of others then there may be instances where your actions have helped the work of others. For instance you notice that a lab reagent has run out and you order more straight away such that the work of other people in your area is not affected.
7. Take responsibility for completing tasks and procedures as well as using judgement within defined parameters	Assessors will be looking for evidence of where you have proactively taken responsibility for an area of work and the judgements you made to assess if the work was progressing well or not well at all. How did you communicate the progress of this work to your supervisor?

Interpersonal Skills

	Explanatory note
8. Demonstrate effective and appropriate communication skills	Assessors will be looking for examples of how you have used various forms of communication tools in your role and the intention and outcome of this form of communication Examples include oral presentations, written reports, e-mail and social media forms of communication
9. Demonstrate interpersonal and behavioural skills	Assessors will be looking for evidence of skills that you have used to address an issue occurring in your work area. For instance it could be that you notice a colleague is performing a procedure incorrectly or in an unsafe manner. How did you address this issue and what was the outcome?
10. Demonstrate an ability to work effectively with others	Assessors will be looking for examples of 'team work' either in large teams or on a 1:1 basis. Here you will need to give examples of how you have worked effectively, the outcome and your role in this process.

Professional Practice

	Explanatory note
11. Recognise problems and apply appropriate scientific methods to identify causes and achieve solutions	Assessors will be looking for evidence of problem solving. Please give an example where you had a problem in your work and discuss how you recognised it, the methods used to investigate and the outcome.
12. Identify, organise and use resources effectively to complete tasks.	Assessors will be looking for evidence of what you have contributed to the efficient day to day running of your work area, laboratory or department. For instance this could be that you are responsible for safety inspections, ordering of reagents etc. Please describe the role you play.
13. Contribute to continuous performance improvement	Assessors will be looking for evidence where you have suggested improvements in your area of work, how you communicated this, the outcome and the impact of your suggestion. For instance it could be you have suggested an improvement that increases efficiency or cost effectiveness of a particular methodology or process.

Professional Standards

	Explanatory note
14. Comply with relevant codes of conduct and practice	Assessors will be looking for evidence of the codes of conduct and practice relevant to your work area and how these are incorporated into your day to day work. For instance it may be compliance with Safety Laws (such as COSHH), GLP guidelines, Home Office Regulations, Environmental Regulations etc.
15. Maintain and enhance competence in own areas of practice through professional development activity	Assessors will be looking for evidence of current CPD activities and the reasons for undertaking such development.