

COGLS14

Plan and conduct investigations within life sciences work related activities



Overview

This standard covers the competences you need to plan and conduct investigations within life sciences work related activities, in accordance with approved procedures and practices. You will be expected to identify and use relevant understanding, methods and skills to address life sciences related work activities. You will be expected to take responsibility for overall courses of action. You will exercise autonomy and judgement within fairly broad parameters and understand different perspectives or approaches used within the workplace.

During this work you must take account of the relevant worksite operational requirements, procedures and safe working practices AS THEY APPLY TO YOU.

The activity is likely to be undertaken by someone whose work role carries out life science related work activities. This could include individuals working in hospitals, scientific laboratories, schools and universities.

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Performance criteria

- You must be able to:*
- P1 identify the objective of the investigation within the life sciences work related activity
 - P2 establish the priority of the investigation with the relevant people within the organisation
 - P3 obtain and collate appropriate information which assists the investigation
 - P4 analyse the information correctly and evaluate it against the objective of the investigation
 - P5 establish how long the investigation will take
 - P6 identify the conditions under which investigations can take place
 - P7 evaluate the alternative investigative techniques and select the appropriate technique
 - P8 prioritise the tasks within the investigation and identify appropriate procedures
 - P9 quantify the resource requirements for the investigations and ensure that they are within the capability of the organization
 - P10 agree timescales and gain authorization to carry out investigations in accordance with organizational policies and procedures
 - P11 set procedures in place to deal with contingencies arising during investigations
 - P12 conduct investigations in accordance with the established plans
 - P13 present the results of the work done to the appropriate people, in accordance with departmental and organisational procedures

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Knowledge and understanding

You need to know and understand:

- K1 why it's important to understand the latest technological developments in the life sciences industry and how to keep up-to-date with them
- K2 why it's important to ensure your activities are cost effective
- K3 how to ensure cost effectiveness does not affect quality
- K4 the implications of not taking account of legislation, regulations, standards and guidelines when conducting life sciences work related activities
- K5 the importance of correct identification, and any unique workplace coding system
- K6 the lines of communication and responsibilities in your department, and the links with the rest of the organisation
- K7 the limits of your own authority and to whom you should report if you have problems you cannot resolve
- K8 the types of investigation initiated and used to review the effectiveness
- K9 the principles and procedures for investigations
- K10 the techniques that are relevant to the investigation
- K11 the acceptable operating conditions for conducting life sciences investigations
- K12 the implications of deviations from set procedures
- K13 the essential features of an investigation plan and how to initiate it
- K14 how to identify the most appropriate equipment for investigations
- K15 the procedures for recording and reporting the investigations
- K16 how to identify and deal with contingencies
- K17 the limits and constraints for investigations that are done
- K18 the methods and processes used to deal with deviations from investigation plans
- K19 how to establish contingency plans for deviations from investigation plans
- K20 how to record the information

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