**Unit 10 – Using Science in the Workplace**

**Name: Teacher:**

Assignment 4 – Controls on the Company

You will be working in groups of 2 to complete the practical assignment; however you *MUST* submit your own *INDIVIDUAL* written report.

**Unit abstract**

A real organisation should be used (or realistic case study recommended by the tutor) for the research in this unit to give learners an insight into the world of work that is awaiting them on completion of their studies.

This unit looks at the roles and responsibilities of the employee and the employer and the constraints, both statutory and voluntary, that are imposed on the organisation.

This unit links very closely to experience the learners may have of a scientific workplace. They need to understand how science-based organisations develop products and deliver services. If a learners are already employed in a scientific workplace they will ideally use their own employer for the unit and practical activity, taking into account any sensitive issues. If learners are not employed in a science organisation they will undertake this investigation as an individual or as part of the class group.

Before starting it is important that the organisation to be studied is researched to ensure that the relevant information is available. Owing to the wide variety of organisations that may be studied, the content has been designed to be contextualised to suit the learner’s situation or experience.

This unit enables learners to consider what it is like to work in the science industry. It is suitable for all learners who are interested in a career in science

**Learning outcomes**

**On completion of this unit a learner should**:

1 Understand how science-based organisations develop products and deliver services

2 Understand the requirements of science technicians in the organisation

3 Be able to carry out relevant scientific practical work

4 Know the constraints under which the organisation must operate.

**Scenario**

You have been asked to write an article for a leading newspaper to look at the

work carried out by some of the country’s top scientific companies. In your report

you have been asked to cast an unbiased view and make sure that all of your

research has come from reliable sources.

**Task 1 (P6)**

GSK has to abide by certain controls, for each of the following explain how it will affect the company;

Employment Law

Health and safety

Environmental legislation

International standards

Quality control of product

**Task 2 (M4)**

Some companies may be tempted to not comply with the controls that are put in place for their company. Explain the systems a company such as GSK may have in place to prove that they are sticking to the controls and guidelines that they should be.

**Task 3 (M3)**

Analyse the results you have gathered.

Which antacid would be best for indigestion?

How do you know this?

Explain why these results would be useful for a company like GSK when it comes to analysing data on antacids.

**Task 4 (D4)**

For the mechanisms you have mentioned in Task 3 you must evaluate the systems in place to ensure that the controls are adhered to. Are they strong enough to prove a company is maintaining standards?

**Task 5 (P7)**

GSK is a company that is responsible for the manufacture of many drugs and chemicals. As a result there may be potential environmental issues. Describe the potential effects on the environment a company like GSK may have.

**Task 6 (P8)**

As an international company GSK has established a reputation. Research the services and products the company produces and describe the perception the public may have of the company based on this.

**Task 7 (M5)**

Having researched the companies work, discuss the pro’s and con’s for the public of the organisations work.

**Task 8 (D5)**

Now you have an understanding of the environmental issues, and reasons why people may have concerns regarding the company, justify whether the work they undergo really benefits the general public as a whole.

**Deadline:**