

Answer the following questions from the “**Safe Welding**” book.

1. Find the section on “Working in Confined Spaces”. Tanks and vessels are given as examples of ‘confined’ spaces. What do you think ‘confined’ means?

2. Why is welding or cutting in a confined space more dangerous?

3. List 3 safety **precautions** when welding or cutting inside a confined space

(i) _____

(ii) _____

(iii) _____

4. (a) An apprentice is given the job of washing out empty drums, before they are repaired. What are two key safety procedures which must be followed?

(i) _____

(ii) _____

(b) What cleaning method should the apprentice use if the apprentice is not sure what the drum held previously?

© What is the correct method to clean the tank if the drum previously held hydrochloric acid? _____

5. What is the Table on page 20 used for?

6. Figure 40 on page 52 shows an example of a

7. What diameter of electrode is required for this job and what welding process should be used? (p 52)_____

8. What are 'Welding Procedure Specifications' and what might the consequence be if these are not followed?

9. (a) Find the section on weld defects. What is **another word** meaning 'defects'? _____

(b) Which Figure shows slag inclusion on a butt weld?

10. If a welder uses too big an electrode when doing a fillet weld, what defect could occur? _____