

Preparation for Technical Project Brief

WHAT IS A TECHNICAL PROJECT BRIEF (TPB) ?

The technical project brief is selected for you by your assessors. It sets out a scenario and some questions which are relevant to your discipline and are similar to tasks that you might undertake in your day to day work.

ICE will send you the TPB six weeks before your EPA day.

Use visual aids for your presentation but they must be no bigger than A3.

You can use a laptop or tablet but think about how you will angle it, so everyone can see it on the day, and think about having a backup – external power supplies will not be supplied.

WHAT DO I NEED TO PRODUCE?

To meet the project brief you will have to undertake some research and analysis and produce a 10-minute presentation on the work that you have done. The presentation must include:

- A project plan explaining what you need to do to complete the technical project brief within the timeline
- At least 2 options that you considered and explain what the chosen option was and why you chose it
- Relevant calculations and drawings
- A review of your work – what worked, what didn't, what obstacles you had to overcome and what you'd do differently next time.

This is a plan for **your** work to complete the TPB and prepare your presentation.

You can use CAD or hand sketches for your drawings.

This the most important part!
How did you get to your conclusion?

Remember to include -

- the scientific or engineering principles you had to consider
- relevant legislation and standards
- health and safety considerations
- any environmental or sustainability concerns or opportunities

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