



Unit 27 – Formwork

Task 09. Fill in the missing words from the box.

formwork – tie rod system – training – panels – self-compacting concrete – reinforcement – construct – strip out – layout – clamps – formwork system – outdoor building yard – setting up

Announcer: Listen to the dialogue between a guest visiting the outdoor building yard at your and Dave, your instructor.

Guest: Your _____ is really interesting. Can you tell me what those two young men over there are doing? They seem to be really focused.

Dave: Oh, they're _____ for the next *WorldSkills* competition.

Guest: *WorldSkills* – what's that?

Dave: It's like a world championship of all trades and crafts. Participants from all over the world take part and try to win a gold medal. Those two are form-workers and at the moment, they're _____ a wall formwork.

Guest: I see. Can you give me more facts about how this is done?

Dave: Well, let's see: First of all, you have to draw a line on the ground along which you want to set up the _____. Then, join the _____ using _____. After that, you have to oil the panels and position the _____ elements according to the given _____. The next step is closing the framework using the _____. Before you pour in the concrete, the system is checked once again. After the concrete has set and reached the necessary strength you may _____ the formwork.

Guest: All right. Is there any special type of concrete used?

Dave: The best option is _____, which is pumped in from the bottom. You can also use regular types of concrete, but then you have to compact it either by internal or external vibrators.

Guest: It seems like _____ offers big diversity in shape and design.

Dave: Well, yes, you can _____ foundations, substructures or floors as well as modern buildings, tunnels or bridges. Fascinating, isn't it? Let's walk on ...