

ArcticSkills 2019

The Plumber's Trade

Participant's Name	School	Assignment
		A

Participant Instruction	Translation

Preparation Time	Familiarize yourself with tools and materials one day before the assignment
Break Time	When needed
Length of Assignment	5 hours
Total Assignment Time	5 hours

Assignment Parts / Point Based Values		Maximum Score
A1	Health, environment, safety and work structure	6
A2	Install a showerhead and shower-faucet	6
A3	Install a washbasin with combination faucet and trap	6
A4	Install a WC with faucet	6
A5	Apply brackets for copper pipes	6
A6	Cut and adjust pipes and parts	6
A7	Press pipes and parts with press tool	6
A8	Evaluation of end product, summary impression	6
Assignment total		48

Assignment Description:

1. Install a showerhead and shower-faucet
2. Install a wash basin with faucet and trap

3. Install a WC with faucet.
4. Adjust and press pipes and parts, connect the equipment.

Participant's Name	School	Assignment
		A

Group ID	Description	Assessment Criteria	Comment.	Max Points	Points Achieved
A1	HES (Health, Environment, Safety) Several points can be subtracted for serious and repeated safety violations	Use of safety equipment throughout the whole assignment. Use of hand tools and electric tools. Order and tidiness at the workstation.		6	
A2	Install a shower-faucet. The shower-faucet placed 40cm from the wall and 110cm from the floor.	Right height and leveled. Right distance from the wall.		6	
A3	Install a washbasin with trap and combination faucet. The washbasin placed 70cm from shower-faucet and 85cm from the floor to the top of the washbasin.	Right height and leveled Right distance from the shower-faucet.		6	
A4	Install WC. Placed 70cm from the corner. Must not be fastened to the floor.	Placed in a proper angle in accordance to the back wall and at a correct distance from the corner.		6	



A5	Place brackets for 15 and 12mm copper pipes. The lower pipe is placed 10cm from the floor.	Right height and distance between the brackets		6	
A6	Cut and adjust pipes and parts. The pipes leading to the wash basin need to be placed evenly at both sides of the drain, 15 cm apart from each other	Deburring of pipes after cutting. Right distance between the pipes.		6	
A7	Press pipes and parts.	Correct way to use the press tool.		6	
A8	Evaluation of the end result, the overall impression.	Precision and correct execution, correct use and treatment of tools and equipment		6	
		Total score		48	

