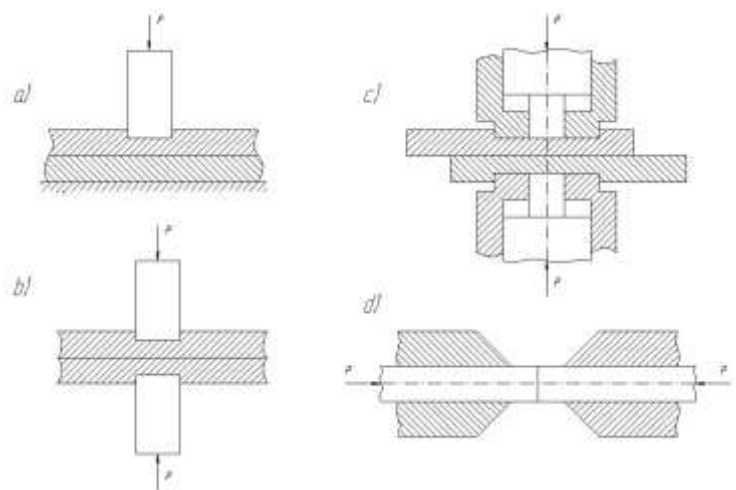


Laboratory work № 8 «Cold welding of plastic material»

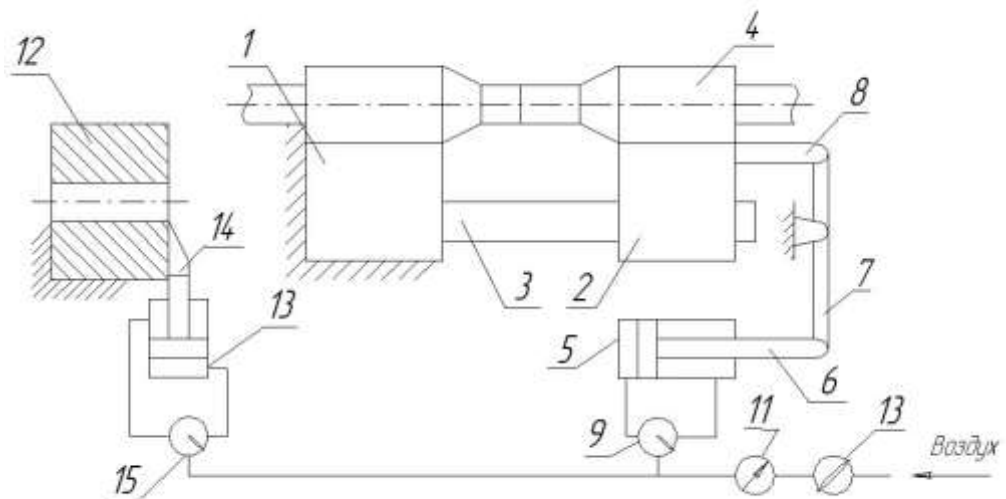
The main points of the pressure cold welding process.

Schemes of cold welding

- a) –
- b) –
- c) –
- d) –



Scheme of the machine MCXC-5-3



- 1 –
- 2 –
- 3 –

4 –

5 –

6 –

7 –

8 –

9 –

1. Technical characteristics of the machine MCXC-5-3

2. Protocol of the sample's tests

Material –				
Wire cross-section area F , mm^2 –				
№	Stick-out distance	Force of fracture, P , kN	mode of fracture	Note
1				
2				
3				
4				

3. Conclusions

Rating _____

Instructor's signature _____