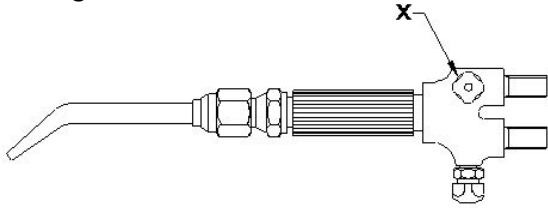


1). What is the name of the part marked as 'X' shown in the figure?



- (A) Handle
- (B) Mixing chamber
- (C) Oxygen control valve
- (D) Acetylene control valve

Correct Answer: C

2). Which factor determines the current setting during welding?

- (A) Types of joint
- (B) Position of the weld
- (C) Length of an electrode
- (D) Diameter of an electrode

Correct Answer: D

3). What is the diameter of electrode for welding a plate having thickness over 1/2 " ?

- (A) 1/8 "
- (B) 3/16 "
- (C) 1/4 "
- (D) 5/16 "

Correct Answer: D

4). Which equipment protects the body from the flying spark during gas cutting?

- (A) Leather cap
- (B) Leather apron
- (C) Leather shoes
- (D) Cutting goggles

Correct Answer: B

5). What is the ampere range for ϕ 1/16 " electrode in arc welding?

- (A) 40 - 125 amp
- (B) 75 - 185 amp
- (C) 20 - 40 amp
- (D) 105 - 250 amp

Correct Answer: C

6). What is the effect of directing the steam of high pressure pure oxygen on to the red hot ferrous metal in gas cutting process?

- (A) Oxidation and Liquefying the metal
- (B) Oxidation and Harden the metal
- (C) Oxidation and cut the metal
- (D) Oxidation and evaporating the metal

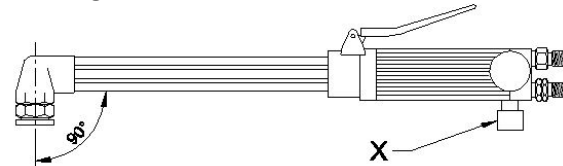
Correct Answer: C

7). Which metal is welded using medium coated mild steel electrode?

- (A) Mild steel
- (B) Medium carbon steel
- (C) Stainless steel
- (D) Copper

Correct Answer: A

8). What is the name of the part marked as 'x' shown in the figure?



- (A) Oxygen valve
- (B) Acetylene valve
- (C) Oxygen pipe
- (D) Oxygen level

Correct Answer: B

9). Why cylinder keys are not removed from the cylinder while welding?

- (A) To prevent gas leak
- (B) To adjust the gas supply
- (C) To open and close frequently
- (D) To close quickly in case of fire

Correct Answer: D

10). What is the size of cutting nozzle for cutting mild steel plate having thickness of 3 - 6 mm?

- (A) 0.8 mm
- (B) 1.2 mm
- (C) 1.6 mm
- (D) 2.0 mm

Correct Answer: A