ENGINEERING . PALE DAS

WELDING SHOP

- Weildability have been defined at the capacity of lung weited into impossible possioners points having especified properties such as definite would strongth a proper structure by a particular with it to have good intolating in fabricated structure. It can also super to how easy a difficult it is to active a functional world.
- 2. Bescribt MMAW and byos welding?

 In MMAW. wice welding a weld need is used as another while the work being metted in used as another electrode. The one is formed by the work and the electrode.
 - gas welding: byos welding also known oney-acetyline gas welding is a minture of oneyon and sectyline. burns as an intente flaw. as approximately 3500 degree sentigrade. It can be used for brazing, bronze welding, forging I shaping untal.
- 5. Describe three types of flames in byas welding with
- a) Newtral Hames :- It has two definite zone.

 A sharp britished some exceeding a snow distance from
- the ship of the towns is abustops meat-
- and of a bluish colour. It prevents make that from oxidation. By contrast flame it would fin

SAUGUANA SOLIAMAHTA copper, but poorty to various owith of topper, which from quickly at soldening temperature. It is just weed to shirld the weld wested from the Os I the of the our as it is being evaneferred across the are so Statistizes the one white welding 5. Rescrube different types of welding joint " · logs joint - It is used to join two everlapping plates so that the edge of each place is weitded to the surface of another.

But joint - Used to goin unds as edger of two plates or surfaces breated approximately in the same place

· Courses gains - De is used to join the two colges by two sheets on places where awyface area at an angle approximatery so" to each other.

· tolge joins :- Be in used in joining the term parallel plates by the means of weild.

6) Sayery presonation in welding shop?

· wilding shouldn't be close around combustile by inflamate materials where sparks may cause fixe

· face shield and hand gloves should be used while welding .

Cables should be psespectly insulated.

Machine should be sweed off when tearing the werey.

LOAF EMER , Leppen . Alleman The care 3200'C of law burning Ham :-This flaw has 5 zenes -. Sharply defined inner this. On untermediate com of whitish tolow · Blush puter coter The length of intermediate come is an indication of the properties of access acceptent in the flame. suppor blues opher. some messagline () bridising flams :-To has excess of oxygen. Re also has I zones namely -The ismall Times cases which has purplish colour. The outer care on Emplope Is is what to we'ld brass, etc. 65 3400° c. . What are the function of flux used in electrodis? In high temperature metal princing presents (welding , brazing and solding), des primary purpose of flux is so prevent existration of the base and filler materials. I'm - lead solder (e-g) attacks very well to

SHEET METAL SHOP

1) whose is the full name of SWG, HR states.

CRCA states, G12 states?

SWG -> Standard wise gauge.

HR sheets -> Hod Rolled sheets

CRCS shalls - Cold Rolled Close Annialed shall

by: sheet - galvanised Isen sheet.

- 2) Name various what metal forming processes and the tools used to perform each of these process
 - 1) Polding Burch vice
 - ii) Bording Rolling mathem
 - -) leveling may bender
 - iv) Seawing Seawer
 - ") Remaing Breatgus Breas-
- 3) Name a few wheel metal working process and the tooks used to perform each of these process.
 - i) Measuring stul muliber
 - 1) Marying Souther
 - ii) Cutting snip
 - in farming States
 - v) Joining Rivet Sel

