WELDING SHOP

PONNUM ANIRUPPHA

Stage-IL

as With cylinder Key open the Coz gas oxfinder and adjust the Coz gas regulators so that the gas oxfoul pressure is maintained at 0.25 Kg/cm²

b) switch on the force source by the ON/OPP switchon the "MIGMATIC 250" welding

c) Press down the gas CHECK switch and ensure the cozgas supply in the gas line and release the switch

d) Select the welding nollage by lunning the vollage schector switch confirm the set vollage by pressing the "OCY check" switch This will show the reading on the

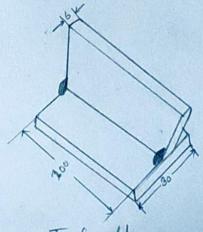
c) seled the welding current by adjusting the "wire feeds feed control patentiometer" actual welding. For 1.0 mm dia. CCMS welding wire, the welding award dwing.

Stoge-III

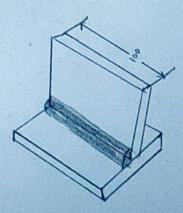
a) The micr welding torch should be positioned on a rough metal piece and the borch switch is pressed for checking the spork.

b) Then the torch is postrioned over the joint to be welded on one end. Torch switch is pressed and a lock welded. Smilerly excluded other end

c) Do the run welding on the strip joint by stractify maintaining the movement of the torch over the joint for uniform welding. Similarly do the welding on the other







PRE LAB QUESTION: 91 How does MIG welding differ from TIG welding? In MIG welding, a consumble wire electrode is used whereas in TIGO welding a non-consumble electrode is used. & Which metals can be welded by MIGI wolding? Stell, oluminaur, coffer inkel and other alloys 3 Describe MIGI welding process If is an Arc welding process in which a continous sold whre dectrade is fed through a welding gun, joining the koo bose materials together. Of State the application of MIGI welding?
MIGI welding is used in very honry streetures, constructions and steel furniture DE Mertion two odvanloger of MIG welding ) The process is somi-automated 2) No slog POST LAB QUESTIONS & what is stickant? It is the length of armelled wire coming out of the contact tip of the welding gun De How perolection of weld zone is oblained in MIGWelding? Protection of weld zone is obtained in MIGraelding using inertgas bistout the Commonly used in MIGI welding

1) Argon 3) Corbon chandle A.D. Sower supply conseased in Mitowelding?

A.D. Sower with constant solfage Menton the demorits of MIG welding? 1) Higher initial cost 2) Higher matelace cost. Kesulf Mic welding is done on given mild shell plate and the required "T" joint is obtained.