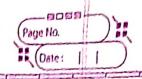
| | 104: Comprehend the process of per making, layout of house culting, |
|----------|---|
| | and electric are welding. |
| (1) | |
| (F) | In Are welding Voltage of A.C. Supply is in the range of d) 70v-100v |
| B) | During Are Welding as thickness of metal increases |
| 7 | a) current should Increase voltage remain same |
| c) =) | In Arc welding following electric supply con used () Ash Ac and Do |
| o) =) | Which of the following is not welding Joins. () Mostise Joint |
| | -7 11(0)713E Jolf1F |
| 2)` | What is welding Electrode: Why Electrodes are coated with flux! |
| -> | The welding electrodes are lengths of wire that are connected |
| | with your welding machine to create an electric Arc. The |
| | current pasces through this wire to produce an arc, which |
| | These electrodes are made out of materials with a similar |
| | composition to the metal being welded. |
| | |
| | |

Eshon Trived! 16010221038 D2

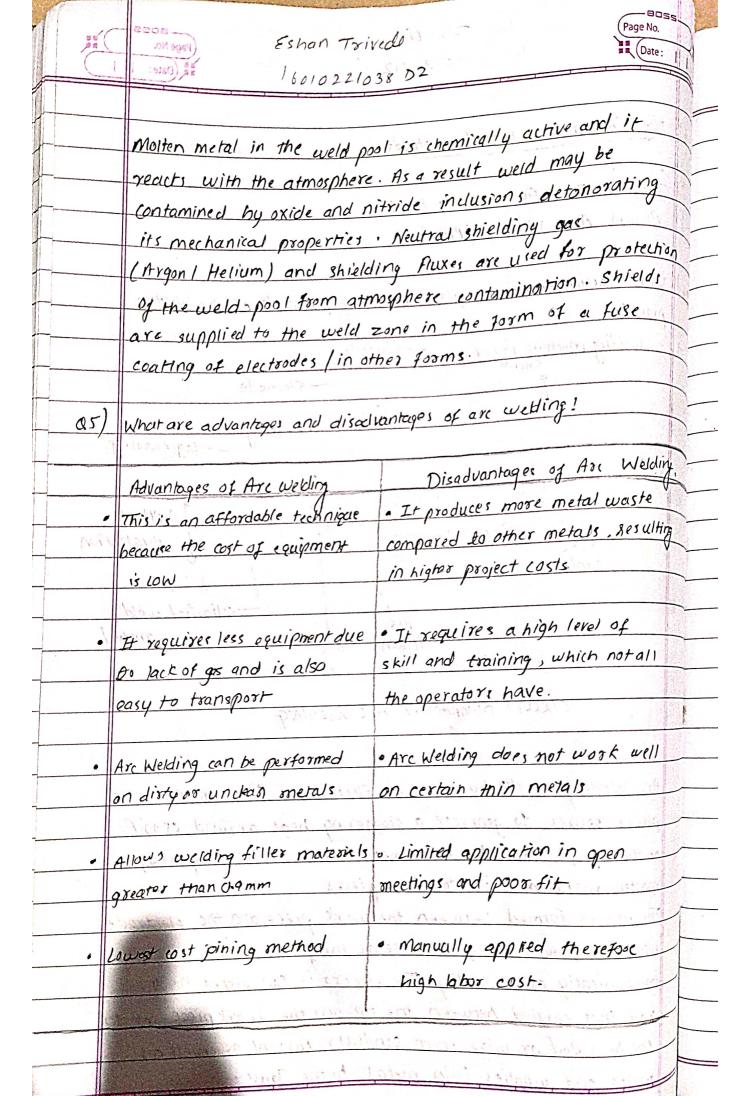
oh etel



| | Depending upon the process there are two types of welding Electrocles: | |
|-------|--|--------------------------------|
| a) | Consumable Electrodes | endustri untra stato contegato |
| | | |
| | They have low melting point. | |
| | Consumable electrodes are used in metal Inert gas (MIG) watling | |
| | - Materials like mild steel and nukel steel are used for | |
| | making these electrodes | |
| | - As a precaution, we must replace consumable electrodes after | 1 |
| | regular Intervals during welding. | |
| | Even if they are easy to use and maintain these electrodes | 1.9 |
| | don't have a large number of industrial applications | |
| | - These electrodes are categorised as :- · Bare Electrodes | - |
| | sand as a series of Coated Electrocles | |
| | the for more and and more than a comment of the mental to the | |
| b | Non-Consumable Electrocles | |
| 2 × 1 | where we and east posted. As a choice you are a finite. | |
| • | These electrodes are mode of pure Tungsten, Compnite or | |
| | Carbon coated with copper | |
| | They have high melting point and are used to enable to fill | |
| | the gap in the workpiece as they are not consumed in the | 为 |
| | entire welding process | |
| | - Due to the vaporization and exidation process taking place | |
| | during the welding there is a little bit of reduction in the | 3.7 |
| | length of the electrode. (WAS 1) problems on bottom world | |
| | - These are used in Tungsten Inert gas welding (719) and | 4. |
| | Carpon Arc latetding. With miletan was - serial? | 1. |
| | - There are two types of non-consumable Welding: . Carbon Elect | rode |
| | * Tungsten | |
| | Electrod | les. |
| | II | |

| | A company | |
|--|--|----|
| | onage) Eshan Trivedi | |
| | (Page No.) [(Date: | 12 |
| | Today. | - |
| from the special to find a superference | | 1 |
| The same of the same of the same | The wolding Electrodes are control in flux because when a | 1 |
| | | |
| | 11003 (111) | 1 |
| | the state of the s | |
| Marian Ward was | This prevents in formation of poor weld which occurs when | 1 |
| | and surger and we would all | |
| - | 1 the impunition that and are earling | - |
| The same of the sa | weld inint coals days The also provides | |
| | a alloying elements which improves the weld quality. | |
| (02) | | |
| 43/ | What does Are welding mean? List the types of Are welding. | |
| | TOTAL | |
| 7 | Hre welding is one of many fusion welding processes used | |
| | metals It uses an electric are to create intense | |
| | neat to melt and join metals. A power source generates | |
| | an electric are between a consumable or non-consumable | 18 |
| | electione and base metal. Are wolders can use either | 3 |
| | direct current [DC] or alternating current [AC] | - |
| | Exquest Atual Asters Fredres | |
| | The types of Arc Welding are as follows | |
| a) | Consumance Electrode Methods: and an appropriate of the section of | |
| | Metal Mest Gas Welding (MIG) and Metal Active Gas | |
| | Welding (MAG) 12000 marshar har Cacille man | |
| ii/ | Shielded Metal Arc Welding (SMAW) | |
| | Flux- coated Arc Welding (FCAW) | |
| iv) | Submerged Arc Welding (SAW) | |
| v) | Electro-slag Welding (ESW) | - |
| vi) | Arc stud Welding (SW) American dear sould come see and | |
| * | not specific " " " " " " " " " " " " " " " " " " " |) |
| 19/2 | Plate. | - |
| | | - |
| | | |

| | Eshan Trived! | (Page flo. | 74. |
|------|---|---------------------------------------|---|
| | (6010221038 D2 | (Date:] | |
| (i) | Non-'Consumable Electrode Methods: Tungsten Inest Gas Welding (TIG) Plasma Arc Welding (PAW) | 22 - 22 - 22 - 22 - 22 - 22 - 22 - 22 | |
| | elicited by part we were before and furcher | | |
| 7 | welding machine forces - Electrode source With ciscuit diagram explain working principle of Ar process. Welding machine forces - Electrode Source Electrode | ALL SEA | |
| | coating | slag covering | 9 |
| | maconian maconian | erol Copenia | |
| | | 1 Depth of | 1 |
| : 11 | Work | penetro | ψi0Λ |
| | cable to the color of the color | tied weld | |
| 100 | La less doing o source Stream are | 144 | 1. |
| = 1 | | les do se | |
| | CIRCUIT DIAGRAM OF ARC WELDING | 8255 10 | |
| | A course hereformed Are Hidding coops met coast are | CALLANCE CON | 4 |
| Ar | c Welding works by using an Electric Arc from an | Alos DC | |
| 11 . | ver source to generate a staggering heat around | 2 | 111111111111111111111111111111111111111 |
| | the top, to melt the base metals and create a p | | 6 |
| 11 | Iten metal and join the two pieces | | |
| 11 | Are is formed between the work piece and the | | f |
| | ich is moved along the line of the joint either | | 3 |
| 11 | nanically or manually. The electrode can either h | | |
| 11 | I that carried between the tip and the work piece | | |
| - 11 | be a Rod or wire that conducts current as we | 11 013 | |
| mel | ts and supplies filler metal to the Joint. | | |



| 500 | l | enterior de la porti |
|-----|---|----------------------|
| | Ì | 5140) 💥 |

Eshon Triveds

| Page No. | :s- | |) 70 |
|----------|-----|---|-----------|
| Date: | | 1 | \bigcup |

| | - L. L. O. L. S. J. J. | | -01 |
|--|--|--|---------------------|
| Control of the Contro | 16010221038 D2 | tate: [] | \mathcal{L} |
| | | 1000 | |
| 96) | What safety precoutions are to be taken while performing Are Welding? | | |
| | Are Welding? | | t t day you |
| and the second second second | | - manual for contact | |
| =) | · Be sure the welder is properly installed granded | The state of the s | |
| · . | · Never weld will properly installed grainded | | marie Cir. |
| | Somew adequate Ventration | | · |
| enzingti ett vir en ikinisten (in t | ture proper precautions to prevent fires | interest religion (17 three first and 18 three firs | Trest in |
| of marketine to be in | wear tye precoution with protection at all times. | Service for the final building states of the | |
| on the proposition of the second | Also protect your entire body with fire perardant clothin | 9 | |
| | shoes and gloves | H | |
| | · Stop the machine before performing any mointaine or | Carlo Dischaufig discounty o | |
| o sector expression | any treuble shooting | oluministi i vi telepap in pop a | |
| | · Mark metal es " NOT with a scapstone | | The party |
| | · kiepa well shocked first aid but had for an account | all transfer to the second | n musikany i |
| | · keepa well stocked first aid kit hardy for any case of | and the section of the section of | ments state formand |
| Nacional Property Control of Control | 10 Jury | and the second s | · interded |
| en | · Keep hords, hair and elething away from moving parts | | Lette lipe to |
| ac Smillering Smiles | | | J#144 116 |
| ain distributions also biogr | | e or the second desired the second | - |
| inverse and a second second | | ndiffichance (Color de monto con- | - |
| reporting transfer provinced by the | | | |
| | | 27.00 | |
| | | | |
| Handard Andrews (12 mile) | | | an Lame, |
| The Control of Control | | THE RESIDENCE OF THE PARTY OF T | ethic und |
| TO STATE OF THE PARTY OF THE PA | | | |
| On the state of th | A residual position provides a restriction of the August o | | egen (a minda |
| the state of the s | | - | - Angelows |
| | The state of the s | | |
| TO THE STREET, MICH. ST. PROFES | | e felt des profession for the second of the profession for the second of | - |
| Salahan Walanda | | | |
| | | | agency (g), and g |
| | | 47 | |