

## **Bach No: 2018-2019/Keepsake/B5**

**A report about the Short-Term Training Program on “Beginners/Fresher Welding Training Course” at the GTU’s Keepsake Welding research and skill development center at the at L.D College Engineering.**

- **Course Name:** Beginners/Fresher Welding Training Course
- **Trade Name** Fabrication
- **Duration:** 06/08/2018 to 20/08/2018
- **Venue:** Keepsake Welding research and skill development center at the at L.D College Engineering
- **No of participant:** 17
- **Inauguration function date:** 06/08/2018

GTU has established Skill Development Center in Welding Sector at L.D College Engineering. To develop such center Keepsake Engineering Consultancy Pvt.Ltd (Industry Partner), CED and GTU (Host Institute) work jointly.

During the 06/08/2018 to 20/08/2018, “Beginners/Fresher Welding Training Course” tanning was arranged under the Keepsake Welding Research & Skill Development Centre at the L.D College Engineering.

Welding & Fabrication technologies are the most important job skills for Mechanical Engineers. It is very essential technology in Industrial infrastructure development such as erection, commissioning of pipes, shipping, Power plants, steel plants, cement plants etc. The course curriculum includes classes by faculty, video classes, PowerPoint presentations. This is pure workshop training and it gives the opportunity to the students, hands on experience on welding & fabrication equipment, safety engineering, plant technologies etc.

### **Objective of the Tanning Program:**

The Internationally accredited Welder (Fabrication & Fitting) Courses classroom training and Onsite training program improve your technical skill and that you bring to expand your career potential, it will help you to achieve a standard professional career.

Topic covered under the Tanning Program:

- Introduction to Welding, Material selection, Design considerations, Mathematical calculations, Formulas
- Safety instructions and checklist, Personal protection, Welding fumes, Work site protection
- Cutting, Joining, rebuilding, hardfacing, Coating, cold repairs,
- Filler material consumption, Metal identification, Evaluation of welds
- Coated Electrodes, TIG Welding Rods & Fluxes, Wires for Wire Welding, Gas Welding Rods & Fluxes, Brazing Rods & Fluces
- Arc Welding: Electrode welding & gouging, TIG Welding, Wire Welding, Plasma Cutting, Current Distribution System
- Gas Welding: AC/OX cutting, welding, brazing, Gas Supplies and gas distribution system

### **Course syllabus – Fabrication**

- Introduction to fabrication, Design considerations, Mathematical calculations, Formulas, Codes and Standards
- Material selection, Method selection for production and fabrication, Different Metals available for Metal Fabrication,
- most common forms of stock sizes and materials, metal fabricator's tool box
- Occupational hazards, personal safety, Workplace safety

**Outcome of the training Program:**

Fabrication applies to the building of machines, structures, or process equipment by cutting shaping and assembling components made from new materials. Fabrication shops generally concentrate on the metal preparation, welding and assembly. Standard raw materials used by metal fabricator are: Plate metal, formed and expended metal, pipes, tubes, square tube, I-beam, H-beam, C-channel, Hardware, Casting etc. The raw material has to be cut to size. This is done with a variety of tools.



Centre (Keepsake )

Prn Dt. 11/11/2021

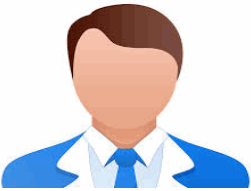



Prn Time 11:23 am

Batch Wise Trainee Report






Course Name Beginners/Fresher Welding Training Course

Trade Name Fabrication






Batch No: 2018-2019/Keepsake/B5

EnrollmentNo/Photo	Tainee Name/AAadharCardNo	Address / MobileNo	Category	Gender	
	009//2018-2019/12090	Mihirkumar D Patel	AT PO. Zinzva/ Prantij, Dist. Sabarkantha 383210	General	Male
		346380726768	9409628349	BPL : No Minority : No PH : No	
	009//2018-2019/12091	Brijeshkumar V Suthar	AT PO. Gadhoda, Ta. Himmatnagar, Dist. Sabarkantha 383010	OBC	Male
		339946144424	9586882274	BPL : No Minority : No PH : No	
	009//2018-2019/12092	Altaf I Mansuri	AT PO. Gadhoda, Ta. Himmatnagar, Dist. Sabarkantha 383010	OBC	Male
		980601392191	8733920795	BPL : No Minority : No PH : No	
	009//2018-2019/12094	Dhruv Ashvinkumar Shah	Madhur Hall, Anandnagar Cross Road, Satellite, Ahmedabad	General	Male
		913165453463	9426173865	BPL : No Minority : No PH : No	

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<b>EnrollmentNo/Photo</b>	<b>Tainee Name/AAdharCardNo</b>	<b>Address / MobileNo</b>	<b>Category</b>	<b>Gender</b>
009//2018-2019/12095 	Dipang Nareshbhai Patel	H317, LDCE Boys Hostel, Navrangpura, Ahmedabad 380015	OBC	Male
	855287388504	7405822016	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12096 	Harsh Pinakin Sheth	CK Hostel, Gulbai Tekra, Ellisbridge, Ahmedabad 380006	General	Male
	819842309139	8128228654	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12256 	Dipak Gulabbhai Bhoja	Samaras Boys Hostel, Opp. GMDC Ground, Ahmedabad	ST	Male
	879588198225	8758328409	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12258 	Shailesh Punjabhai Buchiya	Samaras Boys Hostel, Opp. GMDC Ground, Ahmedabad	SC	Male
	215341447986	8141038114	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12259 	Sunilbhai Fuljibhai Vank	Samaras Boys Hostel, Opp. GMDC Ground, Ahmedabad	ST	Male
	255316026675	9638410460	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	

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009//2018-2019/12356 	Dhruv Manishbhai Rajan	13, Amrutnagar Society Part 2, Nr Kamlanehru Park Soc., Behrampura, AHMEDABAD - 380022	SC	Male
	699701027766	9574156702	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12358 	Akshay Haribhai Saravaiya	Somnath Society Street No. 2, B/h Ranuja Temple, Kothariya Road, RAJKOT	OBC	Male
	695831520401	9574975445	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12360 	Aniket Ketan Goswami	8/82, OI DC Taleshwar Temple, Gandhipara, Diu, Daman & Diu - 362520	OBC	Male
	357823461964	9408309920	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12364 	Hemal Devji Baraiya	330, C Block, Hostel LDCE, AHMEDABAD - 380015	OBC	Male
	816811695170	9904899192	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12365 	Manoj M Prajapati	A-104, Mahadev Platinum, Ghodasar, AHMEDABAD - 380050	OBC	Male
	710703158096	7405550076	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	

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<b>EnrollmentNo/Photo</b>	<b>Tainee Name/AAdharCardNo</b>	<b>Address / MobileNo</b>	<b>Category</b>	<b>Gender</b>
009//2018-2019/12452 	Sanket Maheshbhai Panchal	AT PO Lolajan, Ta. Himmatnagar, Dist Sabarkantha	OBC	Male
	565492366285	9409679079	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12453 	Jimil Gopalbhai Rana	207, Ratanpol, Golwad, Relife Road, AHMEDABAD - 380001	OBC	Male
	958338941129	9825277129	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	
009//2018-2019/12454 	Yash Navinchandra Umaraniya	H-215, LDCE Boys Hostel, AHMEDABAD - 380015	OBC	Male
	277017254312	9924203741	<b>BPL : No</b> <b>Minority : No</b> <b>PH : No</b>	