



HEAVY PRESSURE & PROCESS EQUIPMENT
FABRICATION AS PER NATIONAL &
INTERNATIONAL CODE & STANDARDS





INTRODUCTION

We, the team of First Arc Industrial Fabrication Solution happy to introduce ourselves as a technocrat team with the best in its class manufacturing facility located at 17/19, MIDC Satpur, Nashik – 422009, Maharashtra India. We have a team of experienced professionals in the field working more than 30 years with national and international reputed companies.

We had started our journey in 2017 as a labour contractor with ASME “U” stamp and “PESO” approved fabrication shop. Currently we have a team of 107 personal which includes but is not limited to the qualified welders in all welding processes. fitters, fabricators, grinder man, rigger and helper.

Our fabrication quality and schedule delivery make us dare to step Forward to start fabrication facility at Satpur MIDC Nashik.

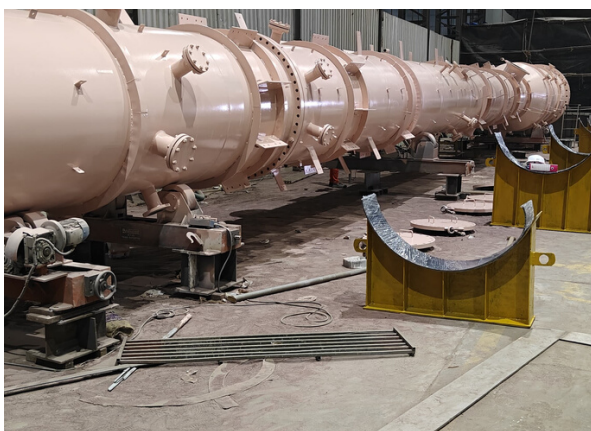
We are having all required in-house facilities for you and having expert manpower with all required quality certification for more details kindly go through the attached company profile.

OUR PRODUCT RANGE

- Reactors
- Heat Exchanger / Condenser / Cooler / Pre-Heater/
Heating Coils
- Distillation Column & Re-Boiler
- Pressure Vessels & Storage Tanks
- Limpet Coil & Jacketed Vessels
- Fins Coils, Steam Air Heater, Steam Heating Coils
- Fins Hot Water Coils



OUR PRODUCT CATALOGUE



QUALITY

About raw material

Inspection of raw material includes visual inspection, sighting of heat number, quality and comparing the same with relevant Manufacturers' Test certificates. In the absence of proper test certificates the raw material is subjected to various applicable tests like Physical, Chemical, Ultrasonic and Inter Granular Corrosion Tests etc.

About Production

After satisfactory results and conclusions, then the material is released for further operations like marking and cutting but not before proper N.D.T. such as Dye Penetrate test or as applicable.

Radiography of weld seams is done after formation of Parts like shells, dish etc. and are checked for profile ovality and circularity.

All set-ups and chip backs are inspected. Machined components are examined visually and dimensionally.

About Welding

All welders appointed on job are qualified as per ASME Section IX.

All WPS PQR & WPQ under third-party witnessed by BUREAU VERITAS

The processes used by us for the welding are as follows:-

GTAW (TIG). SMAW

The resources available for the welding are as follows:- TIG welding machines. / Portable ovens

NDT: Liquid penetrate test. (In house) Radiography/Ultrasonic testing -

From sub-contractors.

OUR PURPOSE

We define our purpose as accelerating success for our customers, people and planet. As we are dedicated to outstanding customer service, an inspiring and embracing workplace, and with sustainability in our genetic code.



Putting our customers first

Uphold the spirit of innovation and creativity in shaping a solution that can be accepted by the wider community.

Empowering our people

Our corporate culture is open, supportive and informal. This creates an environment for our employees to develop their talents and excel as professionals. By giving them responsibility and trust, we make our people grow. We are determined to attract, develop and retain the most innovative and curious people in our business.

Making our world better, every day

Our technologies promote a responsible use of natural resources. We constantly drive progress to help reducing the environmental impact of most industrial processes through improved energy efficiency and heat recovery, better water treatment and reduced emissions. On land and at sea. It is all about Advancing better.

MANUFACTURING SET - UP

Activity	Machine Description	QTY.
Cutting	PLASMA CUTTING UNITS	1
	OXY - ACETYLENE GAS CUTTING SETS	1
	PUG MACHINES	1
	POWER HEX SAW MACHINE	1
Rolling (In house)	PLATE BENDNG MACHINE	1
	HYDRAULIC , THREE ROLL, PRE PINCH TYPE 3.0 mtrs wide x 25 mm thk.	
Rolling (Hired service)	3.0 mtrs wide x 150 mm thk.	
Dished Ends Pressing (Hired Service)	1000 MT * 6500 mm dia * 85 mm thk.	
Handling	E.O.T. CRANE - - 5 MT	2
	CHAIN PULLEY BLOCKS - 3T, 5T, 10T	
Rotators	20 MT	10
	50 MT	2
Welding	SUBMERGED ARC WELDING MACHINE	1
	HIGH FREQUENCY TIG WELDING UNITS	10
	MIG WELDING MACHINE	3
	SMAW WELDING MACHINE	4
	ARGON WELDING UNITS	3
Electrode Beaking Oven	Electrode Baking and Holding Oven	1
	Electrode Holding Portabke Oven	4
Grinding	Angle Grinder 7"	10
	Angle Grinder 5"	10
	Bench Grinder	1
Air Comprassor	7.5 H.P	1
Non-destructive testing (NDT)	Ir-192 Gama Ray source Delta 880	4
	X-Ray machine 250KV	1
	Computer Radiography Carestream	1
	Ultrasonic Testing (A-Scan +UTG)	2
	MPT KIT (YOKE) ,LPT KIT	2



ABOUT US

First Arc Industrial Fabrication Solution has grown to become one of the reputed private engineering companies in India today – with a reputation for world-class offering across the entire spectrum of engineering construction services, and working primarily with the oil & gas, power, petrochemical, and fertilizer industries.

Our Team Experienced in the fabrication of custom

made equipment for the use in process industries such as:

- Petrochemical
- Chemical
- Fertiliser
- Refinery / Oil & Gas
- Nuclear
- Renewables Energy
- Defence and Aerospace



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“Thank you for your time and valuable insights during our meeting. I look forward to incorporating your feedback & working together to achieve our goals”