

Via Abigael F. Costelo

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Profession:

- **WELDER** (FCAW, SMAW/MMAW, GMAW/MIG/MAG, GTAW/TIG, SILVER BRAZING/GAS WELDING)
 - **PIPE FITTER and STRUCTURAL FITTER**
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SUMMARY OF QUALIFICATIONS

- Knowledgeable in dissimilar metals using Oxygen-Acetylene welding.
- SMAW and FCAW NC II holder.
- Capable in FCAW, GMAW/MIG, GTAW/TIG, SMAW and Gas Welding
- Graduate of Bachelor of Science in Customs Administration
- Capable of operating/performing OXYGEN ACETYLENE CUTTING OUTFIT and SOLDERING.
- Able to read blueprint.
- Can work under pressure with less pressure.
- Can identify weld defects.
- Setting up and operating hand and power tools, including flux-cored arc welding equipment and shielded metal arc.
- Layout, position, align, and secure parts and assemblies prior to assembly, using straightedges, combination squares, steel tapes, and rulers.
- Knowledge of safety precautions related to occupational hazards, procedures, and practices of my trade.

Work Experience:

August 11, 2021 – Jan. 20, 2024

Installer / Welder

Brilliant Metal Craft and Machine Design

Manufacturing/Installation

EMD Bldg. C Borces St. Mabolo, Cebu City

- Prepares the equipment and other materials needed.
- Install and full weld for Medical Oxygen Generator Pipelines with material specification Stainless Steel (type 316L) by using GTAW/TIG process.
- Welding 3" Ø Stainless Steel Pipe 316L for main line, 2" Ø for riser, 1" Ø for distribution line, ½" Ø for service line, ¼" for dropping line.
- Assist pipefitter to install pipeline
- Assemble bypass with complete accessories such as fittings (flange#150, elbow, reducer, coupling), ball valve and filter.
- Fit up spool to flange (#150)
- Prepare all materials in accordance with materials list

- Checking and verify blueprint according to the project design and details.
- Silver brazing by using silver rod with 45% silver content of copper pipe ($\frac{3}{8}$ " Ø, $\frac{1}{2}$ " Ø, $\frac{5}{8}$ " Ø, $\frac{7}{8}$ " Ø, $1 \frac{1}{8}$ " Ø, $1 \frac{3}{8}$ " Ø, 2" Ø) by using Gas welding process with material specification (type L)
- Install and full weld Medical Gas Copper Tube by using Gas Welding/OAW
- In absence of fitting, annealing and flaring copper pipes
- Properly maintains welding equipment to ensure good condition.
- SMAW, OAW, GTAW/TIG Welding Instructor
- Offer assistance to teams working on the different projects.
- Responsible for commissioning.
- Repair and replace damage copper pipes.
- Detected faulty operation of equipment and defective materials and promptly resolved issues.
- Cutting materials by using gas cutting torch/semi/auto and grinder for carbon steel, circular cutter for stainless steel materials and manual/auto pipe cutter for copper pipe.
- Confirm material specification
- Produce strong, clean welds
- Practice housekeeping regularly
- Follow and enforce of wearing safety clothing and using protective equipment such as heat resistant gloves, protective mask and safety shoes.
- Inspected installations to check for functionality and maintain customer satisfaction.

April 03, 2016 – August 6, 2021

Welder

Manpower Multi Skills Multi-Purpose Cooperative
 Construction/Manufacturing/Production
 Land Transportation Stall #3, Toledo City, Cebu

- Prepares the equipment and other materials needed.
- Perform high-quality of welding processes using FCAW (Flux Cord Arc Welding), GTAW/TIG (Gas Tungsten Arc Welding, SMAW (Shielded Metal Arc Welding).
- Use specified type and size of seamless pipe (small bore 1", $1 \frac{1}{2}$ ", 2", $2 \frac{1}{2}$ ") (4" SCH 80, 6" SCH 80 and SCH 120 for high pressurized) using GTAW/TIG process for root pass and FCAW process for capping.
- Assist pipefitter to install pipeline.
- Knowledge of Welding machinery and manual tools.
- Fabricate and assemble metal structures equipment through of welders, cutters, shapers and measuring tool.
- Ensures that the equipment needed will always be in good condition.
- Welding pipe joints for power plant
- Weld small and large components such as beams, pipelines and plate seam-line.
- Clamps and position together components of fabricated metal products preparatory to welding.
- Weld in flat, horizontal, vertical, overhead position and 6G position.
- Remove excess welds, slags and spatters, defective weld material using grinder or power chipper.
- Inspect and correct fits/welds to meet product specification.
- Able to read blueprints/drawings and read measurements to plan layout and procedures.
- Perform metal cutting by using gas cutting torch/semi/auto for carbon steel material.
- Confirm material specification
- Produce strong, clean welds
- Practice housekeeping regularly

- Follow and enforce wearing safety clothing and using protective equipment such as heat-resistant gloves, protective masks, and safety shoes.
- Ensure safety in the area, especially under overhead crane.

Educational Attainment:

May 2018 - Aug 2021

BMC Training Center for Welding and Fabrication
 Vocational Diploma/Short Course Certificate
 GTAW/TIG NCII/ GAS WELDING NCII/ IPF NCII/
 SMAW/MMAW NCII

June 2014 – May 2018

University of Cebu
 Bachelor of Science in Customs Administration

Licenses / Certifications:

Mar 13, 2019

Welder Qualification Test (FCAW)

Nov 10, 2022

Shielded Metal Arc Welding (SMAW) NCII

June 16, 2023

Safety Officer II

July 28, 2023

Flux-Cored Arc Welding (FCAW) NCII

Trainings / Seminars:

May 03, 2021 – Aug 12, 2021

Shielded Metal Arc Welding (SMAW) NCII
 BMC Training Center for Welding and Fabrication

July 19, 2021 – Aug 14, 2021

Industrial Pipefitting (IPF) NCII
 BMC Training Center for Welding and Fabrication

July 20, 2021

Seminar on Workplace Safety
 Brilliant Metal Craft and Machine Design

Aug 16, 2021 – Aug 21, 2021

Gas Welding (OAW) NCII
 BMC Training Center for Welding and Fabrication

March 3, 2022 – March 17, 2022

Gas Tungsten Arc Welding (GTAW/TIG)
 BMC Training Center for Welding and Fabrication

June 12, 2023 – June 16, 2023

Construction Occupational Safety and Health Course (COSH)
 Prophets Management Consultancy Services

Skills

- ❖ MS Office Application (Word, Excel, PowerPoint)
- ❖ Flux Cored-Arc Welding (FCAW)

- ❖ Gas Tungsten-Arc Welding (GTAW/TIG)
 - ❖ Shielded Metal Arc Welding (SMAW/MMAW)
 - ❖ Oxy- Acetylene Welding (OAW/GAS WELDING)
 - ❖ Industrial Pipefitting
 - ❖ Silver Brazing
 - ❖ Safety Awareness
 - ❖ Steel Fabrication
 - ❖ Shaping and Cutting
 - ❖ Flexible and Adaptable
 - ❖ Material Handling
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Languages

English | Tagalog

Character References:

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