



Job Title:	CAM / CAD Programmer - Manufacturing Sheet Metal	Department/Group:	Fabrication
Shift	1st	Travel Required:	None
Level/Salary Range:	Based on Experience	Position Type:	Full-Time (40 – 50 hrs.)

Job Description

Job Purpose:

Supports company operations by operating to quality standards for manufacturing processes, materials, and products.

Job Duties, but are not limited to:

- Offline program a variety of machines including, but not limited to, Amada Turret, Amada Lasers, Amada Brake Press, Vertical CNC and CNC Lathes;
- Program and maintain current file revision of all client parts;
- Interpret engineering blueprints and offline program;
- Apply machine tooling selections to manufacture parts in the most cost-effective manner;
- Design or request procurement of tools necessary;
- Prepare detailed standardized work instructions and set-up sheets;
- Utilize software to continuously improve the run time and programming time;
- Other duties as assigned.

Skills/Qualifications:

- Attention to detail.
- Strong computer and metal manufacturing skills.
- Able to demonstrate good manufacturing practices and be able to select tooling and machining resources for manufacture of parts
- Critical thinking – Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches of problems.
- Design – knowledge of design techniques, tools and principals involved in production interpretation of precision technical plans, blueprints, drawings, and models, specifically for sheet metal fabrication.
- Production and Processing – Knowledge of raw materials used in sheet metal fabrication, production processes, bend deductions, turret punch press tooling, quality control, costs, and other techniques for maximizing the effective manufacture of goods.
- Time management – Ability to organize tasks in order of importance and use time most effectively in order to complete all work in a timely manner.



- Stress tolerance – Job requires dealing calmly and effectively with high stress situations.
- Dependability – job requires being reliable, responsible, and dependable, and thoroughly completing all tasks.
- Persistence – Job requires persistence in the face of obstacles.
- Engineering – Engineering experience / background with strong mechanical aptitude is helpful

Must possess:

- Minimum of 3 years working with programming in a metal fabrication environment
- Knowledgeable on various precisions CNC machinery and principles, fabrication and machining practices, the properties of materials, and the application of mathematics and dimensions of production machinery and tooling (including Brake Presses)
- Capable of efficiently integrating existing methods with new innovation to economically solve production problems in a timely manner.
- Able to communicate effectively both orally and in writing
- Working knowledge of Microsoft Office, SolidWorks, Amada Dr. Abe Software
- Blueprint and GD&T reading capabilities
- Experienced with ISO 9001



WELD FAB

MANUFACTURING CORP

Job 21.050: PROGRAMMER - JUNIOR (N.C. / C.N.C.)

Methods data to prepare programs for C.N.C. or numerical control machining operations largely through the application of established and predetermined operational data as submitted by engineers; or when so directed, utilize documented standard data as it applies to align and code operations, tooling sequences, speeds and feeds for data entry. Document established program standards. Prepare instruction sheets for machine operators; maintain library records to the assignment.

	No. of Orgs	No. of EEs	Base Pay					Cash Variable Pay			
			Average	Weighted Average	25th	Median	75th	10th	90th	No. of Orgs	Average
	14	53	\$19.81	\$20.69	\$19.30	\$19.30	\$24.57	\$15.72	\$24.57	5	\$858
Counties in counties	0	40	\$18.47	\$21.01	\$19.30	\$19.30	\$24.57	-	-	0	-
	2	3	-	-	-	-	-	-	-	0	-
	2	4	-	-	-	-	-	-	-	1	-
	2	2	-	-	-	-	-	-	-	0	-
	3	4	\$20.88	\$20.88	-	\$21.75	-	-	-	2	-
	3	4	\$20.81	\$20.81	-	\$19.00	-	-	-	2	-
	8	22	\$18.75	\$19.81	\$15.25	\$20.41	\$24.57	-	-	1	-
	3	27	\$21.64	\$21.64	-	\$21.37	-	-	-	2	-
	0	0	-	-	-	-	-	-	-	0	-
	2	14	\$19.29	\$19.11	\$17.21	\$19.30	\$20.41	\$14.24	\$24.24	1	-
	12	39	-	-	-	-	-	-	-	4	\$811
	0	0	-	-	-	-	-	-	-	0	-
	0	0	-	-	-	-	-	-	-	0	-
	0	0	-	-	-	-	-	-	-	0	-
Counties in counties	1	1	\$17.53	\$16.95	\$14.24	\$16.03	\$18.95	-	-	1	-
	6	9	-	-	-	-	-	-	-	0	-
	1	2	-	-	-	-	-	-	-	0	-
	3	4	\$19.71	\$19.71	-	\$21.12	-	-	-	2	-
	2	14	-	-	-	-	-	-	-	1	-
	1	23	-	-	-	-	-	-	-	0	-

Client # of orgs reporting

EES - Employees

Italics - Dominance diffused