Brandon Osei

Machinist II

Machinist II with 5 years of machining experience on CNC machines and manual equipment, making valve, pump and fitting parts in stainless, Inconel and brass. Sets up jobs from prints with geometric dimensioning and tolerancing, selects tooling and checks work with precision measuring instruments. Runs a 2-machine cell with a 99.2% first-pass yield.

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EXPERIENCE

Machinist II

03/2023 - Present

Cuyahoga Precision Products — Cleveland, OH

Precision machining plant making flow control parts for industrial and marine customers.

- Set up and operate a Mazak lathe and Okuma mill cell, producing **2,000** valve bodies a month.
- Select tooling and cutting data for stainless and Inconel, raising insert life 35% on 3 part numbers.
- Verify geometric dimensioning callouts with micrometers, calipers, thread gauges and the CMM report.
- Apply shop mathematics to calculate thread depths, tapers and stock allowances for new setups.
- Train 2 Machinist I employees on offsets, inspection frequency and machining processes for the cell.

Machinist I

05/2021 - 02/2023

Euclid Machine and Tool — Euclid, OH

Contract machine shop with 40 employees.

- Operated Haas mills and manual lathes on 50 to 500-piece runs of brass and steel fittings.
- Measured parts at set intervals and recorded results on inspection sheets with 0 escapes in 2022.
- Maintained machine lubrication and filter schedules, supporting 97% uptime on 4 mills.

SKILLS

Machining Processes

CNC Machines

Geometric Dimensioning and Tolerancing

Shop Mathematics

Tooling

Micrometers

Calipers

Precision Measuring Instruments

Thread Gauges

Attention to Detail

EDUCATION

Certificate

05/2021

Cuyahoga Community College

Cleveland, OH

Machining and Manufacturing Technology

CERTIFICATES

NIMS CNC Milling: Programming Setup and Operations

10/2023

National Institute for Metalworking Skills