Luis Navarro

Machinist III

Machinist III with 9 years of machining experience in oilfield equipment, machining API threads and complex parts on CNC lathes and 4-axis milling centers. Writes and edits CNC programs in Mastercam, proves out new jobs and trains junior machinists on machining processes. Brings strong mathematics and GD&T skills to tight-tolerance work.

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Experience

Machinist III

04/2021 - Present

Gulf Coast Precision Machining

Houston, TX

API-licensed machine shop making drilling and completion tools in alloy steel and Inconel.

- Program and prove out about **8** new jobs a month in Mastercam for CNC lathes and 4-axis mills.
- Machine API connections and seal bores to 0.0005 in., with 0 thread rejects from customers in 2025.
- Reduced cycle time 22% on a high-volume mandrel by changing tool paths and milling strategy.
- Mentor 4 Machinist I and II staff on setups, gauging and safe work on large-bore lathes.
- Resolved 12 print and process issues with engineering and quality through written notes in 2025.

Machinist II

06/2017 - 03/2021

Bayou Tool and Supply

Pasadena, TX

Oilfield tool repair and manufacturing shop.

- Operated Mazak and Haas CNC lathes on threading, boring and turning jobs for 30 oilfield customers.
- Gauged threads with ring and plug gauges, micrometers and calipers to API specifications.
- Repaired worn subs and crossovers from field returns, saving customers about 40% versus new parts.

Certificates

NIMS CNC Turning: Programming Setup and Operations

03/2019

National Institute for Metalworking Skills

Skills

Mastercam

CNC Programs

CNC Lathes

Milling

Machining Processes

API Threading

GD&T

Micrometers

Calipers

Mathematics

Education

Associate of Applied Science

05/2017

San Jacinto College

Pasadena, TX

Machining Technology