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CNC Machinist · Precision Milling

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Machining evidence

0.025 mm — Selected drawing tolerance checked on recurring aluminium housings.

63 to 46 minutes — Median changeover for one repeat family after setup changes.

22 production lots — First-piece results reviewed during the fixture trial.

Summary

Precision machinist specialising in short-run aluminium and stainless components for industrial equipment. Sets up three-axis mills, reviews tolerances with quality and contributes first-piece evidence for new or revised jobs. Coordinates tool and fixture changes across the afternoon shift.

Experience

CNC Machinist, Milling

Wexford Reach Precision | 2020-08 – Present

- Set up three-axis mills for short-run housings and brackets. Reviewed drawings for datum references and the 0.025 mm control dimension before setting the inspection plan with Quality.
- Separated fixture checks from tool presetting for a repeat housing family. In the 22-lot trial, median changeover fell from 63 to 46 minutes, with no additional first-piece failures against the previous run history.
- Recorded offsets and gauge choice after proving a program revision. Held suspect parts for measurement rather than adjusting to a single unexpected reading. Documented what checked good before releasing the run to the next operator.
- Paired with Quality to investigate matching sort reports from two shifts. Traced the pattern to fixture wear, issued the affected-lot list and helped test replacement inserts before closing the action.

CNC Machine Operator

Ternline Tooling & Components | 2017-06 – 2020-07

- Ran assigned jobs against approved programs and performed in-process checks using micrometers, bore gauges and the shop inspection sheet. Segregated parts needing review and maintained batch traceability.
- Prepared tool carts for the next shift, highlighting worn inserts and unusual measurements. Kept the setup documentation beside the job so substitute operators could find the last verified configuration.
- Logged scrap reasons for the supervisor on shared jobs. Helped replace a generic defect category with measurements and lot identifiers to guide follow-up.

Education

Diploma in Precision Machining

Lake Celandine College | 2017

Skills

CNC mill setup · Engineering drawings · GD&T fundamentals · First-piece inspection · Fixture trials · Batch traceability

Languages

English · French