Colin Sato

Mechanical CAD Drafter

mechanical-cad-drafter@example.test · Hamilton, Canada

Drawing release work

63 released drawings — Maintained drawing and bill-of-materials cross-references across three production orders.

28 transferred assemblies — Rebuilt release files with consistent references and verified sample drawings after migration.

17 shop queries — Traced fit or installation questions to signed decisions and corresponding revisions.

Summary

Mechanical CAD drafter preparing equipment and tooling drawings for fabrication. Develops assembly details, checks part and drawing revisions and works with engineers and technicians to resolve drawing queries. Comfortable translating site measurements into controlled drawings and documenting where dimensions require confirmation.

Experience

2021-05 – Present **Mechanical CAD Drafter**
Greyline Fabrication Systems

- Prepared and updated 63 assembly and part drawings for three production orders. Matched bill-of-materials item numbers with the drawing set and logged missing inputs before engineer review.
- Transferred 28 assemblies into the controlled drawing library. Replaced broken references, recorded legacy numbers and spot-checked title blocks against previously released prints.
- Helped resolve 17 shop queries on fit, fastening and assembly access. Collected measured values and photographs, then confirmed receipt of authorised drawing revisions with the fabrication lead.
- Coordinated prototype drawing changes with machining and assembly leads. Flagged affected build items and checked that superseded prints had been withdrawn before transfer to production.

2018-06 – 2021-04 **CAD Technician**
Forgewater Equipment

- Modelled guarding and access panels from approved sketches. Compared drawing dimensions with floor measurements and returned departures for design review.
- Issued PDF drawing packs and related bill-of-materials exports after engineer approval. Kept internal markup separate from controlled supplier copies.
- Prepared annotated drawings for trial fits. Recorded which measurements had been checked and asked the lead technician to verify access where the fit test was incomplete.

Education

2018 **Diploma in Mechanical Engineering Technology**
Bayridge Polytechnic

Skills

SolidWorks · AutoCAD · Mechanical drawing · Bills of materials · Drawing revision control · Dimensional verification

Languages

English