

CASE STUDY

Next Generation High Performance Engine Program Launch: Machining Line

RESULTS

- ✓ ON-TIME: Install, debug & PPAP completed on-time
- ✓ SORP: Start of regular production achieved solely on second shift
- ✓ AT-BUDGET: Project completed at budget commitment
- ✓ SAFE: Achieved all safety requirements

ASSIGNMENT

Off-shift Process Engineering support for installation, qualification, & production start of an Engine Block & Crank Machining Line

CHALLENGES/TASKS

- > Extremely accelerated time-line for project completion to meet demand.
- > Debugged inspection equipment and communicated updates
- > Zeiss and bench gage reports manually reviewed 100% prior to setup of auto evaluation software for accuracy & gage plan adherence.
- > Directed the activities of (3) production employees for inspection of the qualification parts.
- > Communicate issues to first shift personnel, OEM & Product Engineers.
- > Coordinated Plant Maintenance for equipment debug and qualification.
- > Coordinated activities of all off shift Service Personnel from Machine Tool Builders in support of installation, debug & qualification.
- > Manage qualification & launch of equipment into production.