

# GENERAL DYNAMICS

## Ordnance and Tactical Systems

### Weapons Systems Supplier Quality Requirements Site 21-Quality – Williston VT / Saco ME

Quality Clause	Revision	Phase In Date
Q69	2	04/12/2023

## Q69–Chemical Analysis

### Requirements

Supply a laboratory certificate of actual chemical analysis and mechanical or physical property test results as specified by the governing material specification with each shipment. A mill analysis or certificate of compliance traceable to the mill heat number is acceptable for metallic wrought products only. Reference the GD-OTS purc+F161ase order number on the certification.

Supplier is required to submit test bars, spectro disc, and x-rays per the applicable specification, upon request.

Test bars and spectro disc shall be identified with the master heat, melt, and heat treat lot number to permit traceability back to the castings they represent.

For all precipitation hardening and maraging steel castings purchased in the solution heat treated condition, it is required that the castings and the representative test specimens be capable of meeting the specified mechanical properties after aging per the governing specification. All straightening must be followed by a suitable stress relieving heat treatment.

Supplier Excellence Program Participation: Selected Suppliers are "approved" for the Supplier Excellence Program per the process outline in QSP-INS-53.13. The requirements of this Work Instruction apply only to Suppliers approved for the Supplier Excellence Program. This program administers self-release authority through designated quality representatives at the respective suppliers. All designated quality representatives must adhere to the QSP-INS-53.13 requirements.