

Notice On NQA-1 QUALITY PROGRAM CERTIFICATE SCOPE STATEMENTS

I) Introduction

Scope statements are built around the following syntax:

Controls established for NQA-1 “{Standard Edition Qualifier}”, Part I, “{Exception Qualifier}” “{and (Subpart II Qualifier)}” for the supply of items detailed in the annex bearing this certificate number “{Location Qualifier}”

Standard Edition Qualifier – the qualifier “(current edition)” will be used when the quality assurance program will be continually updated to meet the latest published edition of NQA-1 in effect. Otherwise, the specific edition of the NQA-1 standard will be identified.

Exception Qualifier – the qualifier will identify the NQA Part I Requirements which are not part of the quality assurance program. The following qualifier will be used where “xx” will identify the Requirement numbers excluded from the program: “except for Requirements xx,”

Subpart II Qualifier – the qualifier will identify the NQA Part II Subparts which are included in the quality assurance program. The following qualifier will be used where “xx” will identify the Subpart numbers included in the program: “and Part II, Subparts xx”

Location Qualifier – the qualifier, identifies the addresses where the Quality Assurance Manual is being controlled and managed, and as to where the Quality Assurance Program activities are performed. The qualifiers listed below which best describes the locations where the Program is being implemented will be used.

- a) “at the above location only” (*the organization’s address is identified at the top of the certificate*);
- b) “at the above location with activities as described in the quality assurance manual performed at {addresses of secondary locations}”;
- c) “at purchasers’ facilities”;
- d) “at the above location and at purchasers’ facilities”; or
- e) “at the above location with activities as described in the quality assurance manual performed at {addresses of secondary locations} and at purchasers’ facilities”

Secondary Locations are understood to be an address identifying the location that is owned or leased by the certified organization where activities as described in the Quality Assurance Manual are being performed. It is not the location of the Purchaser of the item/service.

The information identified on the annex to the NQA-1 Quality Program Certificate is classified into 4 main categories.

Category 1: Materials

Category 2: Original Equipment Manufacturer (OEM) and Parts Thereof

Category 3: Services

Category 4: Nuclear Facility Services

Categories 1 through 4 have been further subdivided into general product categories and listed in the accompanying tables under the column heading "Product Category". With the exception of Category 4, a combination of "product categories" within the Category itself or from another Category (Categories 1 through 3) may be identified in the annex.

The annex to the certificate will identify the product category and provide a detailed listing of the items/services being supplied under the product category. A detailed listing of items/services falling within each product category or a general description has been provided to familiarize the user with a general understanding of each product category; it should not to be considered a complete and exhaustive list.

II) Product Categories

CATEGORY 1 Materials

PRODUCT CATEGORY	DETAIL LISTING
Building Materials	Structural Steel, Concrete, Grout, Cement, Aggregates, Paint, Fire Proofing, Insulation, fasteners, reinforcing bars, mechanical splices
Materials	Plates, Coils, Fasteners, Rods, Pipes, Sheet Metal, O-rings, Gaskets, Bars, Castings, Forgings, Clad Plates, Fittings, Flanges, Tubular Products, Rounds, Hollows, Wire, Billets, Ingots, Resins, Diaphragms
Welding Materials	Bare Electrodes, Covered Electrodes, Flux Cored Electrodes, Metal Cored Electrodes, Strip Electrodes, Bare Wire, Consumable Inserts, Welding Flux, Powdered Filler Metal, Soldering Materials, Brazing Materials

CATEGORY 2
Original Equipment Manufacturer (OEM) and Parts Thereof

PRODUCT CATEGORY	DETAIL LISTING
Computer System Items and Parts	Computer Hardware – PLCs and Controllers Computer Software Programs - Design and Analysis, Process Control, and Management and Administrative
Custom Fabrication System Items and Parts	Lead Shielding, Hot Cells, Embedded Steel Items, Shielding Windows
Electrical System Items and Parts	Electrical Wiring, Fuses, Circuit Breakers, Conduit, Electrical Boxes, Switches, Transformers, Cables, Alarms, Cable Trays, Supports, Panels, Raceways, Terminals, Connectors, Regulators, Inverters, Batteries, Power Supplies, Signal Devices, Transmitters, Switches, Relays. Electrical Cabinets, Battery Chargers & Racks, Electrical Penetrations
Electro-Mechanical System Items and Parts	Electric Motors, Pumps, Fans, Motorized Valves, Generators
Instrumentation & Control System Items and Parts	Gauges, Sensors, Relays, Measuring Equipment, Hydraulic Cylinders, Panels, Control & Monitoring Stations, Thermocouples, Timers & Counters, Recorders, Vibration monitoring equipment, Analog/Digital Meters, Instrumentation Panels, Radiation Monitoring Equipment
Fluid System Items and Parts	HVAC Systems, Fire Sprinkler Systems, Piping Systems, Non-motorized Valves, Manual Valves, Steam Traps, Pressure Relief Devices, Strainers, Filters
Mechanical Systems Items and Parts	Lifting Equipment (Cranes, Hoists, etc.), Rigging Equipment (Slings, Shackles, hooks, etc.), Transmissions, Gears, Combustion Engines and parts, Governors, Bearings, Drums, Springs, Turbines, Bogeys, Glove Boxes
Pressure System Items and Parts	Items falling under the scope of the non-nuclear sections of the ASME Boiler and Pressure Vessel Code: Pressure Vessels, Boilers, Heat Exchangers, Condensers, Economizers, Piping Systems, Pressure Relief Devices, Storage Tanks, Containers
Supports	Pipe Supports, Snubbers, Threaded Rod, Turnbuckle, Eyebolt, Clevis, Lug, U-bolt, Spring Sway Brace, Springer Hanger, Riser Clamp

CATEGORY 3
Services

PRODUCT CATEGORY	DETAIL LISTING
Auditing Activities	Independent Audits
Engineering Activities	Commercial Grade Dedication, Design, Procurement, Research & Development, Analytical Services, Geological/Seismic Analysis, Structural Analysis, Geotechnical - Soil Mechanics & Rock Mechanics, Environmental – Groundwater & Hydrology
Fabrication Activities	Assembly, Welding, Machining, Surface Preparation, Plating, Heat Treatment, Forming, Bending, Extrusions
Installation & Assembly Activities	The assembly, erection, installation, and/or placement of items falling under Category 2 or Building Materials under Category 1 at the Purchaser's facility.
Laboratory Services Activities	Impact Testing, Chemical Analysis, Calibration of Measuring & Test Equipment - Impact Testing Equipment, Pressure Gauges, Rulers, Micrometers, Calipers, Dial Gauges, Densitometers, Light Meters, Sound Meters, Scales
Nondestructive Examination Activities	Visual (VT), Liquid Dye Penetrant (PT), Radiography (RT), Ultra-Sonic (UT), Magnetic Particle (MT), Leak Test (LT)
Repair/Refurbishment Activities	The process of a third party restoring an Original Equipment Manufacturer's item that had been placed in service by a third party. (Repair/refurbishment activity is inherit to the manufacturing activities performed by the original manufacturer of items under Categories 1 & 2 and assumed to be included in the scope of the program, and therefore, the original manufacturer of the item need not seek authorization to perform repair/refurbishment activities for items it had manufactured.)
Software Maintenance & Testing Activities	Software upgrades, Software Enhancements, Independent Validation & Verification
Training Services	For individuals whose responsibilities affect quality - NDE Personnel, Auditors, QA/QC Personnel, Inspectors, Examiners, Engineers, Welders

CATEGORY 4
Nuclear Facility Services

A "nuclear facility" is understood to be: 1) a facility in operation or under construction for the utilization of nuclear energy for the production of electricity; 2) a facility in operation or under construction for processing of nuclear material; or 3) a facility which performed a safety function that is being decommissioned. Examples of nuclear facilities are facilities for power generation, spent fuel storage, waste management, fuel reprocessing, nuclear material processing, fuel fabrication, and other related facilities.

It has been determined that an applicant is not able to fully demonstrate their entire Quality Assurance Program for items/services provided under Category 4 at their corporate/company location. A complete audit of the Quality Assurance Program cannot be performed until the applicant has been awarded the contract and operating at the nuclear facility. Until the applicant is awarded the contract, ASME can only evaluate the Quality Assurance Manual and possibly a partial implementation of those activities which are performed at the corporate/company locations. If the Quality Assurance Manual is found to be acceptable a certificate will be issued with the qualifier, "additional ASME audits required", preceding the location(s) where an ASME audit will need to be performed.

The location qualifier "additional ASME audits required at purchasers' facilities" will be replaced with the name and address of the nuclear facility upon successful completion of an ASME audit at the nuclear facility. No more than one nuclear facility address can be identified on a certificate or site certificate (when a Corporate certificate has been issued).

PRODUCT CATEGORY	DETAIL LISTING
Construction Activities	An all-encompassing scope to define new construction activities performed at a nuclear facility.
Decommissioning Activities	Dismantling and removal of a nuclear facility from service.
Decontamination Activities	Reduction or removal of radioactive contamination from a structure, area, object or person.
Maintenance & Operation Activities	A subcontracted activity for the purpose of maintaining and operating a nuclear facility.