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## Product Realization Process

### Purpose

This procedure defines the development of operator instructions to describe and communicate the proper methods of product realization to employees.

### Scope

This procedure applies to value-added (production) products, i.e. cutting and marking.

### Definitions

**Operator Instruction** Describes production work performed in one function or work center.

**Production Planner** Designated employee who performs planning function.

### Responsibilities PROD

**PLNR** Production Planner

### Procedures PROD PLNR Compile

#### Process Information

In order to plan and execute controlled conditions for product realization and service provision (7.5.1[1]), the following information is considered:

- Work methods;
- Processes;
- Sequence of operations;
- Type of equipment required;
- Availability of special working environments;
- Restricted substances;
- Governmental safety and environmental regulations;
- Records to be produced (7.5.2[3]d[1]).

### PROD PLNR Identify Manufacturing Processes

Identifies the manufacturing processes that require operator instructions.

### PROD PLNR Develop Process Routing

Develops an operator instruction (process traveler) for producing each part for the processes that require them. Details steps required to perform essential operations.

**PROD PLNR Ensures Instruction Availability at Work Center**

A current copy of instructions is made available to relevant work centers (7.5.1[2]b[1]).

**PROD PLNR Revise Instructions**

Reviews and revises instructions and processes changes as required per our documented process for controlling internal documents.

**Records**

Traveler Package contents include: Customer PO and Specs (if furnished) or other form of product description; System Work Order; Sub-group Form QF-47

**Revision Notes**

- Rev D removes QF-49 from Records section.
- Removed QF-46 from Records section and added Traveler Package.