

FCAL1 Process Sheet

T.Embry/P.Loch/L.Shaver

Process Spec: 1.3.3.1.1.2 – Tube Processing

Components: Copper Tube [4.2.7.1.2.1]

Material:

Tooling:

Location: UofA PAS 180
UofA PAS 346

QC Form: FCal1-QC-1.3.3.1.2-1 – Tube Traveler

Process:

1. ([1.3.3.1.1.2-1](#)) Visual tube inspection.
2. ([1.3.3.1.1.2-2](#)) Tube de-burring.
3. ([1.3.3.1.1.2-3](#)) Tube de-burring inspection.
4. ([1.3.3.1.1.2-4](#)) Tube cleaning.
5. ([1.3.3.1.1.2-5](#)) Tube cleaning inspection.
6. ([1.3.3.1.1.2-6](#)) Tube packaging and storage.

Remarks:

- Step 1 must be applied to each individual tube.
- Steps 2 to 6 are applied to each tube accepted in step1.
- Individual tubes can be taken out of the process at any step.

Global Process: [1.3.3.1.1](#) – Tube Procedures

Previous: [1.3.3.1.1.1](#) – Tube Acceptance Inspection

Follow-Up: [1.3.1.7](#) – Matrix Assembly