



Workpiece with uncoated areas

Workpiece with abnormally thin film thickness or no film

Q1:

- **Foaming (substrate undergoing electrodeposition with foam on its surface, resulting in uncoated spots as traces of the foam)**
- **Air entrapment**

A1:

- Place the workpiece in the bath slowly to avoid foaming.
- Place the workpiece at an angle to facilitate the escaping of the foam.
- Review the solution flow (nozzle) to facilitate the escaping of the foam.

Q2 :

Electrical continuity failure (occurrence of workpieces with no film or a very thin film due to defective contact)

A2:

Correct the defective contact. (Inspect the current collector and hanger contacts.)

Q3:

Electrical continuity failure (occurrence of uncoated areas due to the electrically insulating property of adherents on the substrate surface)

A3:

Remove the insulation from the substrate surface.