



**J-STD-002D Errata Information – March 2014**

**(These corrections should be made in user’s hard copies in accordance with the company’s documented control program)**

Sections are in **red**, instructional text in **green**, and corrections in **blue**.

**1.4 Coating Durability**

**Current Content:**

The following are guidelines, not specification requirements, for determining the needed level of preconditioning category assurance (see Table 3-3). The coating durability guidelines describe two broad usage sectors and are not intended to encompass all possible product use scenarios. The user and vendor need to agree on the coating durability requirements. Coating Durability Category 2 is the default condition for all component finishes.

**Revised Content:**

The following are guidelines, not specification requirements, for determining the needed level of preconditioning category assurance (see Table 3-3). The coating durability guidelines describe two broad usage sectors and are not intended to encompass all possible product use scenarios. ~~The user and vendor need to agree on the coating durability requirements. Coating Durability Category 2 is the default condition for all component finishes.~~

**3.3.1.1 Preconditioning Categories**

**Current Content:**

The user shall specify to the vendor, as part of the purchase agreement, the required coating durability (see 1.4) and preconditioning category per Table 3-3.

**Revised Content:**

The user shall specify to the vendor, as part of the purchase agreement, the required coating durability (see 1.4) and preconditioning category per Table 3-3. **The default condition shall be Preconditioning category E if not specified in the purchase agreement.**

**Current table 3-3:**

**Table 3-3 Preconditioning Parameters for Solderability Testing**

Condition Category	Precondition Type	Exposure Parameters	Use Recommendation	Applicability by Finish
A	Steam	1 Hour ± 5 min.	Optional Legacy	Non-tin Containing Finishes
B		4 Hours ± 10 min.	Optional Legacy	All Finishes
C		8 Hours ± 15 min.	Optional Legacy	Non-tin Containing Finishes
D		16 Hours ± 30 min.	Optional Legacy	All Finishes
E	155°C Dry	4 Hours ± 15 min.	Default Condition	All Finishes

**Revise Table 3-3 in the following ways:**

- Condition Category A, the “Applicability by Finish Column”, revised wording to read “Non-tin and Non-tin Alloy Containing Finishes”.**
- Condition Category B, C, D, the “Applicability by Finish Column”, revised wording to read “Tin and Tin Alloy Containing Finishes”.**

**Revised Table 3-3:**

Condition Category	Precondition Type	Exposure Parameters	Use Recommendation	Applicability by Finish
A	Steam	1 Hour ± 5 min.	Optional Legacy	<b>Non-tin and Non-tin Alloy Containing Finishes</b>



B		4 Hours ± 10 min.	Optional Legacy	Tin and Tin Alloy Containing Finishes
C		8 Hours ± 15 min.	Optional Legacy	Tin and Tin Alloy Containing Finishes
D		16 Hours ± 30 min.	Optional Legacy	Tin and Tin Alloy Containing Finishes
E	155°C Dry	4 Hours ± 15 min.	Default Condition	All Finishes

#### 4.3.1.6.2 Accept/Reject Criteria

##### Current content:

Suggested criteria for solderability evaluation for Test E are listed in Table 4-14. Figures 4-10 and 4-11 illustrate the suggested criteria of Table 4-5.

##### Revised content:

Suggested criteria for solderability evaluation for Test E are listed in Table 4-14. Figures 4-10 and 4-11 illustrate the suggested criteria of [Table 4-14](#).

#### 4.3.2.6.2 Accept/Reject Criteria

##### Current content:

Suggested criteria for solderability evaluation for Test F are listed in Table 4-14. Figures 4-10 and 4-11 illustrate the suggested criteria of Table 4-5.

##### Revised content:

Suggested criteria for solderability evaluation for Test F are listed in Table 4-14. Figures 4-10 and 4-11 illustrate the suggested criteria of [Table 4-14](#).

#### 4.3.4.6.2 Accept/Reject Criteria

##### Current content:

Suggested criteria for solderability evaluation for Test E1 are listed in Table 4-14. Figures 4-10 and 4-11 illustrate the suggested criteria of Table 4-5.

##### Revised content:

Suggested criteria for solderability evaluation for Test E1 are listed in Table 4-14. Figures 4-10 and 4-11 illustrate the suggested criteria of [Table 4-14](#).

#### 4.3.5.6.2 Accept/Reject Criteria

##### Current content:

Suggested criteria for solderability evaluation for Test F1 are listed in Table 4-14. Figures 4-10 and 4-11 illustrate the suggested criteria of Table 4-5.

##### Revised content:

Suggested criteria for solderability evaluation for Test F1 are listed in Table 4-14. Figures 4-10 and 4-11 illustrate the suggested criteria of [Table 4-14](#).