



Fire & Flammability Test

| Topic | CS/FAR 25, Appendix F | AITM (ABD0031) | BSS (D6-51377) |
|---|------------------------------|-----------------|----------------|
| Flammability & Flame Propagation | | | |
| Vertical Bunsen burner, 60s | Part. I, §(a)(1)(i) | AITM 2.0002 A | BSS 7230 F1 |
| Vertical Bunsen burner, 12s | Part. I, §(a)(1)(ii) & (iii) | AITM 2.0002 B | BSS 7230 F2 |
| Horizontal Bunsen burner, 15s | Part. I, §(a)(1)(iv) | AITM 2.0003 A | BSS 7230 F3 |
| Horizontal Bunsen burner, 15s | Part. I, §(a)(1)(v) | AITM 2.0003 B | BSS 7230 F4 |
| 60° Bunsen Burner, 30s (Cable/Wire) | Part. I, §(a)(3) | AITM 2.0005 | BSS 7230 F6 |
| 60° Bunsen Burner, 30s (Heat Shrinkable Tubing) | Part. I, §(a)(3) | AITM 2.0038 | BSS 7230 F6 |
| Flammability of Seat Cushions | Part II | AITM 2.0009 | N/A |
| Heat release | | | |
| Heat release | Part. IV | AITM 2.0006 | BSS 7322 |
| Smoke density | | | |
| Smoke density Flaming Mode Only | Part. V | AITM 2.0007 A | BSS 7238 |
| Smoke density Flaming and Non-Flaming Mode | N/A | AITM 2.0007 B | N/A |
| Smoke density Electrical Wire/Cable for Power Supply | N/A | AITM 2.0008 A | BSS 7238 |
| Smoke density Electrical and Non-Electrical Cable for Signal/Data Transmission | N/A | AITM 2.0008 A/B | BSS 7238 |
| Smoke toxicity | | | |
| Smoke toxicity | N/A | AITM 3.0005 | BSS 7239 |
| Flame Penetration | | | |
| 45° Bunsen Burner Test, 30s | Part I, §(a)(2)(ii) & (iii) | AITM 2.0004 | N/A |
| Flame Penetration Resistance of Cargo Compartment Liners | Part III | AITM 2.0010 | N/A |
| Flame Penetration of Thermal/Acoustic Insulation | Part VII | AITM 2.0056 | N/A |
| For further information please contact rescoll@rescoll.fr | | | |