



U.S. Department
of Transportation

**Federal Aviation
Administration**

October 19, 2009

**Transport Airplane Directorate
Los Angeles Aircraft
Certification Office**

3960 Paramount Boulevard
Lakewood, California 90712-4137

In reply refer to: 150L-09-511

Mr. Greg Banasky
Supervisor Fire Technology
Quality Auditing Institute
8385 White Oak Avenue
Rancho Cucamonga, CA 91730

Flame Penetration Resistance Test Procedure and Test Facility Accepted

Dear Mr. Banasky:

We have reviewed your Operational Procedures for Cargo Liner Oil Burner Apparatus per Federal Aviation Administration (FAA) Aircraft Materials Fire Test Handbook (AMFTH), Chapter 8, Oil Burner Test for Cargo Liners, Revision 1, dated October 14, 2009.

Based on our previous onsite inspection and that no changes were made to Quality Auditing Institute's (QAI) facility and equipment of your test apparatus, conditioning chamber and protocol, we find that your facility meets the standards to qualify as an "FAA Accepted Test Facility".

Testing conducted at your location (in accordance with your Operational Procedures for Cargo Liner Oil Burner Apparatus per FAA Aircraft Materials Fire Test Handbook, Chapter 8, Oil Burner Test for Cargo Liners, Revision 1, dated October 14, 2009) and witnessed by an FAA approved Designated Engineering Representative (DER) will be accepted for flame penetration resistance of cargo compartment liners as noted under AMFTH, chapter 8 when testing is done with an FAA approved test plan, FAA conformed test specimens, and prior DER authorization to witness the testing on behalf of the FAA.

Your facility will be subject to re-inspection from time to time, to insure the continued quality of testing. It should be noted that a relocation of the test facilities or modification of the test apparatus might also require a re-inspection.

Sincerely,

Charles Toro
Cabin Safety / Mechanical and
Environmental Systems Branch