



U.S. Department
of Transportation
**Federal Aviation
Administration**

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

3960 Paramount Boulevard
Lakewood, California 90712-4137

DEC 17 2002

CO Guardian LLC.
Attn.: Mr. Ash Vij
1951 East Airport Drive
Tucson, Arizona 85706

Dear Mr. Vij,

**CO Guardian LLC.
Technical Standard Order C48**

Your application dated September 16, 2002, requesting the issuance of a Technical Standard Order (TSO) authorization in accordance with the procedural requirements of 14 Code of Federal Regulations (14 CFR), Part 21, Subpart O, has been reviewed. Based upon your data and statement of conformance certifying your article(s) have met the requirements of 14 CFR, Part 21, Subpart O, and the minimum performance standards of TSO C48 (Ref. 14 CFR § 21.605), authorization is hereby granted for the following:

| Part Number | Description |
|--------------------|---------------------------|
| 452-101-() | CO Detector, Panel Mount |
| 452-201-() | CO Detector, Remote Mount |

The technical data submitted with your application has been reviewed and accepted as fulfilling the requirements for a TSO authorization and will be retained in our files. For your information, the conditions and tests required for TSO approval are minimum performance standards. The article(s) may be installed on or within a specific type or class of aircraft only if further evaluation by the user/installer documents an acceptable installation that is approved by the Administrator.

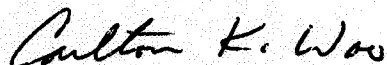
The quality control procedures contained in your quality control manual, currently on file at the Phoenix Manufacturing Inspection District Office, and your statement that those procedures will be applied to the manufacture of the subject article(s) at the above address, are considered adequate in accordance with 14 CFR § 21.605.

Effective this date, your authorization to use TSO procedures is extended to include the subject article(s). You may identify the article(s) with the applicable TSO markings as required by TSO C48.

As a recipient of this TSO authorization you are required to report any failure, malfunction, or defect in any product or part manufactured by you or your contracted suppliers, and which you have determined has resulted or could result in any of the occurrences listed in 14 CFR § 21.3(c). The report should be communicated initially by telephone to the Manager, Technical and Administrative Support Staff, ANM-103L, (562) 627-5300, within 24 hours after it has been determined the failure has occurred and followed up with a written notice. FAA Form 8010-4 (Malfunction or Defect Report) or other appropriate format is acceptable in transmitting the required details. As required by 14 CFR § 21.613(b), you must also notify the FAA when you no longer manufacture a TSO approved article.

This authorization pertains only to manufacturing operations at the above address. This office must be notified in advance of any proposed facility relocation to preclude interruption while awaiting quality control approval of that facility.

Sincerely,



Carlton K Woo
Manager, Technical and Administrative
Support Staff