

7 April 1998

Mr. David Wesley  
Senior Health Physicist  
Radioactive Materials  
Licensing  
Department of Health Services  
601 North Seventh Street  
Mail Stop 178  
Sacramento, CA 95814



Subject: Request to Amend License 1856 to Permit Distribution of a Model 4203;  
Addendum to 19 September 1997 Application

Dear David:

Thanks to you and your entire group for meeting with Allen Frohardt, Gary Caines, and me on 2 April. We appreciated the chance to demonstrate the Model 4203 design and the safety features we've incorporated.

In our discussions, we agreed that Honeywell-Measurex would request permission from the Agency before any US distribution of the Model 4203 in the event of certain design changes. Specifically, without Agency approval, we will not ship the sensor if we change any of the following items, critical to primary shielding, containment, or security which are shown on Honeywell-Measurex's assembly drawing 086385XX Rev. A:

Balloon no. on drawing 086385XX Rev. A	Honeywell- Measurex part number	Item description
10	07678700	Source holder enclosure
11	07754700	Source holder cam wheel
12	07679000	Source holder side plate
64	07754600	Source holder wheel plug (W)
63	07756100	Source holder wheel plug cap

Unless we have prior Agency approval for a change, Honeywell-Measurex will also insure the following commitments are met for all Model 4203 sensors shipped to US licensees:

- One or more tamper-resistant screws (special tool required to remove or install) will be used to fasten the source holder wheel plug cap to the source holder cam wheel.
- One or more tamper-resistant screws will be used to fasten the source holder side plate to the source holder enclosure.

- The source holder will be fitted with a mounting lock. This lock is for the purpose of preventing anyone from casually removing the source holder from its mounting in the sensor head. Honeywell-Measurex will insure that there is a check for the lock's presence in the routine procedures for sensor installation and for six month tests.
- Appropriate air filters are provided. Specifically, Honeywell-Measurex will insure that the  $\leq .01$  inch diameter orifice, which restricts air to the source insertion/retraction cylinder, is in place on the source holder prior to shipment. We'll insure that the appropriate liquid and dust filter for the airline to the scanner is shipped with the scanner. As we have with previous air-actuated source holder models, Honeywell-Measurex will insure that there is a check for the airline filter's functioning presence in the routine Honeywell-Measurex procedures for sensor installation and for six month tests.

If you require any additional information to complete your review, please contact me. I can be reached at (408) 864-7860 (menu choice 4) or via e-mail at [elsa.nimmo@hmx.honeywell.com](mailto:elsa.nimmo@hmx.honeywell.com). As you know, we would like to receive the approved Sealed Source and Device registry sheets as soon as possible so that we can meet our shipment commitments.

Sincerely,  
HONEYWELL-MEASUREX CORPORATION

*Elsa Nimmo*

Elsa Nimmo  
Radiation Safety Officer

CC: Steve Axelrod - 1122  
Brendan Brady - 4101  
Allen Frohardt - 1122  
Doug McFarlin - 1122  
Jude Monaghan - EI35  
Eamonn O'Neill - EI35  
Thomas Schell - RHB  
Scott Wiley - 1122  
Radiation Safety Committee

**Elsa Nimmo**  
Corporate Radiation Safety Officer

**Honeywell**  
**measurex**

Honeywell-Measurex, Inc.  
Radiation Safety Office  
One Results Way  
Cupertino, CA 95014  
408 864-7860  
408 725-3153 Fax

[Elsa.Nimmo@hmx.honeywell.com](mailto:Elsa.Nimmo@hmx.honeywell.com)