

***If you are using a printed copy of this procedure, and not the on-screen version, then you MUST make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are available by contacting the ESSHQ Procedures Coordinator, Bldg. 911A***  
**C-A OPERATIONS PROCEDURES MANUAL**

8.36.1.a RKI Instruments Model GX-2001 Personal Four/Two  
 Gas Monitor Calibration Record Sheet

ATTACHMENT

C-A-OPM Procedures in which this Attachment is Used		
8.36.1		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: \_\_\_\_\_ *Signature on File* \_\_\_\_\_  
 Collider-Accelerator Department Chairman Date

A. Etkin

**8.36.1.a RKI Instruments Model GX-2001 Personal Four/Two Gas Monitor  
Calibration Record Sheet**

Date:- \_\_\_\_\_

Serial Number:- \_\_\_\_\_

If auto calibration mode used verify settings agree with values on calibration gas cylinder.

Verify that the fresh air normalization Oxygen reading is 20.9% ±0.1% and the HC, CO\* and H<sub>2</sub>S\* are zero.

**Pre-calibration readings**

LEL Methane - % \_\_\_\_\_ CO – ppm\* \_\_\_\_\_  
 Oxygen - % \_\_\_\_\_ H<sub>2</sub>S – ppm\* \_\_\_\_\_

Calibration Complete with No Sensor Failures

Helium sensitivity check Oxygen reading \_\_\_\_\_

Gas	Alarm 1	Alarm 2	STEL	TWA
O <sub>2</sub>				
HC Combustibles				
CO*				
H <sub>2</sub> S*				

Verify that in fresh air the Oxygen reading is 20.9% ±0.1% and the HC, CO\* and H<sub>2</sub>S\* are zero.

NOTE: \_\_\_\_\_  
 \_\_\_\_\_

Performed by [print] \_\_\_\_\_

Life Number \_\_\_\_\_

Signature \_\_\_\_\_

**\* Only for four gas units**