

11111111

TO See Distribution	FIELD POINT OR AKNON DEPARTMENT & BLDG. NO.	DATE YOUR LETTER
FROM M. M. O'Mara	FIELD POINT OR AKNON DEPARTMENT & BLDG. NO. Avon Lake Technical Center	DATE THIS LETTER June 6, 1974

SUBJECT

Calibration of MSA Explosimeter

A MSA Model 2A Explosimeter (#414-1) was calibrated against various concentrations of VCM in air. All standards were prepared by metering the VCM standard (10,000 ppm) and air through calibrated flowmeters. Each of the three standards were checked with the Century OVA Analyzer. The following calibration data was obtained:

<u>VCM, ppm</u>	<u>Explosimeter Reading, %</u>
1,000	5
5,000	18
10,000	32

The explosimeter readings were reproducible to within 10% of the value reported. The calibration curve is fairly linear and is shown in the enclosed figure.

M. M. O'Mara
M. M. O'Mara *LPC*

ch

Distribution:

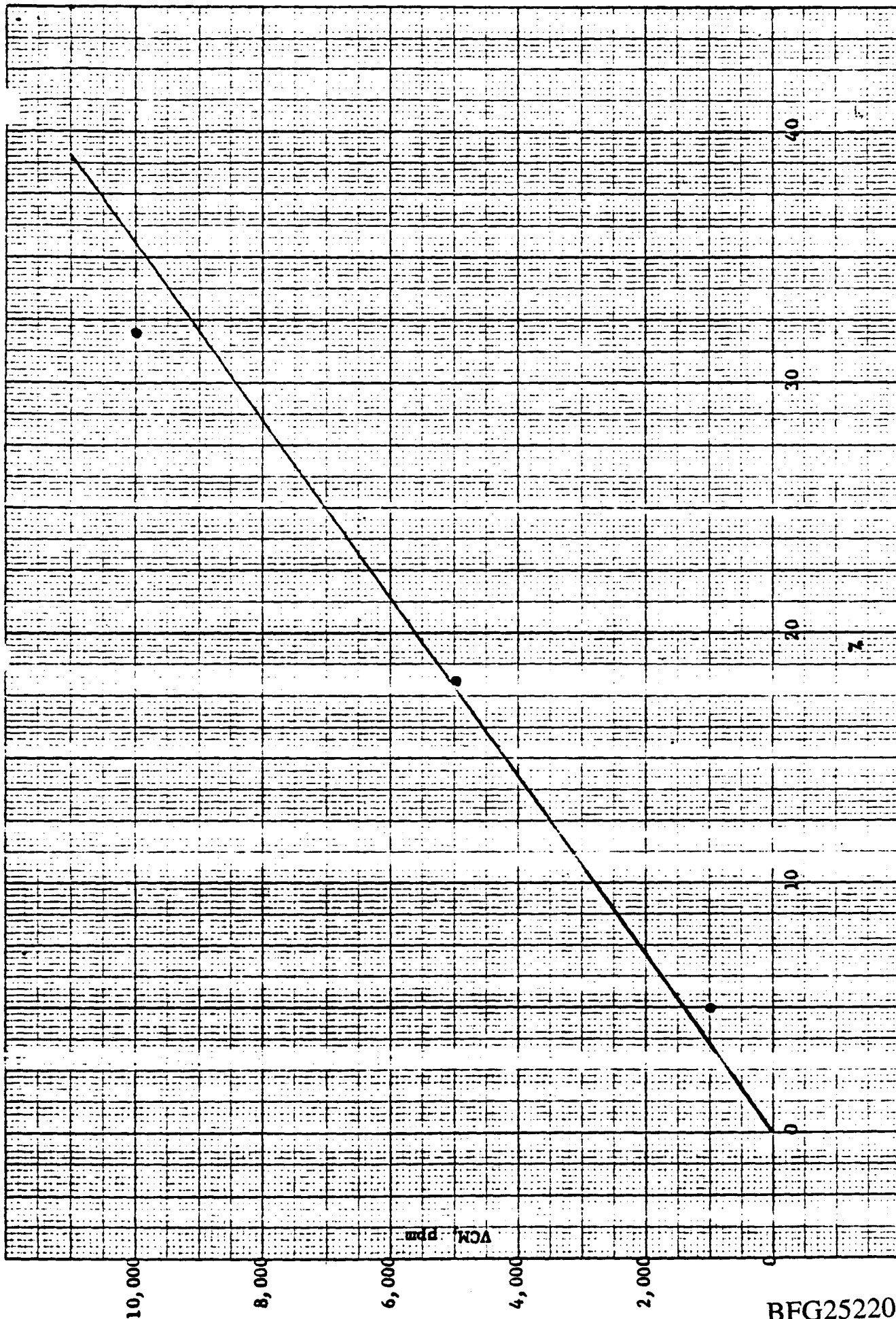
- A. Vittone
- R. D. Scott
- B. A. DiLiddo
- B. M. G. Zwicker
- E. G. Schwaegerle
- J. L. Nelson
- Plant Managers
- Plant Safety Engineers
- H. Waltemate
- E. W. Harrington
- R. M. Kreager
- A. L. Schultz
- L. B. Crider
- F. E. Krause
- J. Alten
- MMO/File

Enclosure

BFG25219

23342001

Calibration of Explosimeter Model 2A



Meter Reading (MSA Explosimeter Model 2A)

23342002

BFG25220

MADE IN U.S.A.

MADE IN U.S.A.