1.0 Scope and Application.

Method 3 - Gas Analysis For The Determination Of Dry Molecular Weight

NOTE: This method does not include all of ahe specifaations (*e.g.*, equipment and supplies) and procedures (*e.g.*, sampling) essential to its performance. Some material is incorporated by reference from otar 0.1 ( ) ethods in this part. Therefore, to abtain reliable results, persons using this 0.1 ( ) ethodashould also have a thorough knowledge of Method 1.

Necessary equipment for perfor0.1 ( ) ing Method 3

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remove O_2, CO_2, CO, and N_2, to remove excess moisture which would interfere with the operation of the pump and flowmeter.

6.2.3 Valve.

A needle valve, to adjust sample gas flow rate.

6.2.4 pump.

A leak-free, diaphragm-type pump, or equivalent, to transport sample gas to the flexible bag. Install a small surge tank between the pump and rate meter to eliminate the pulsation effect of the diaphragm pump on the rate meter.

6.2.5 Rate Meter.

A rotameter, or equivalent, capable of measuring

NOTE: The above Equation 3-1 does not consider the effect on calculated dry molecular weight of argon in the efflunt gas. The concentration of argon, with a mol1 (e) -0.4 (c) -0.1 (u) -0.2 (l) -0.1 (a) 0.

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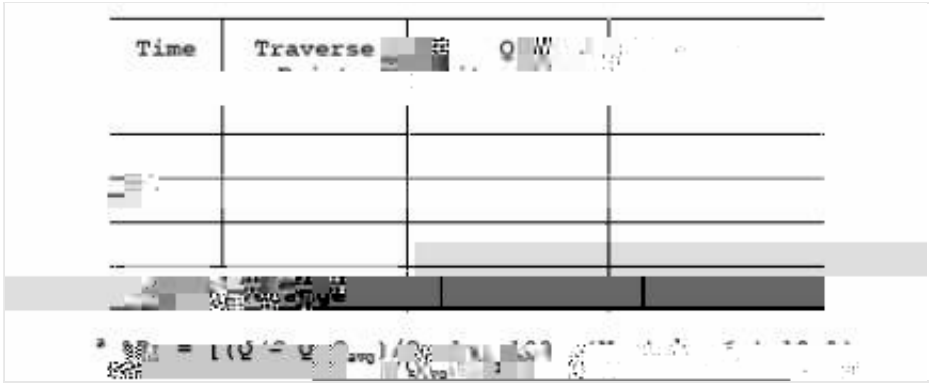
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