

HIGGINS & HEWINS

Air and Gas Purification Systems

TECHNICAL SERVICES

Media Life Analysis. – Important for forward planning of Air Purification media purchases. Avoids unnecessary complaints of odour break through. From chemical analysis of in-place media taken at regular intervals the laboratory generates a report of media usage over time. This information can with reasonable accuracy project when the media needs replacing.

HIGGINS & HEWINS	
Air and Gas Purification Systems	
MEDIA SAMPLE ANALYSIS REPORT	
Customer Name	ANGLIAN WATER
Contact	John Usher
Tel No.	01853 756470
Location	Wales Water
Report Date	19/05/2003
Unit Type	DRYER
Machine No.	P1198
Sample No.	F222
Media Installed	18/08/2002
Sample Date	17/05/03
Period in Service	8 MONTHS
Media Type	MEDIA
Moisture	11.24 %
CO ₂ Retention	20.98 % 2.0000001.57 or 4 months
Replacement Date	April 03
June 03	
Remarks:	
Ready To: Mr. D. Binckley gpc&h - Alford Ltd Essex Works, Old Wharf Road Stourbridge West Midlands DY8 4LR Tel: 01384 397161 Fax: 01384 371951 E-Mail: sales@handhltd.co.uk	

Typical Media Analysis Report:-

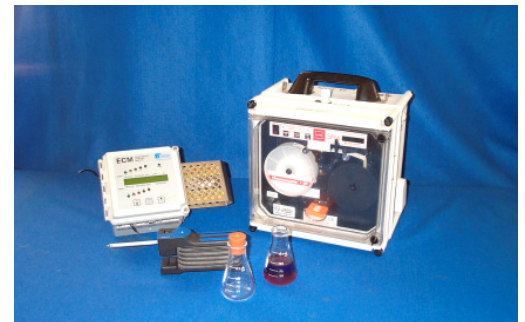
Corrosion Control Services - This service is in most cases the first step in determining if corrosion of installed electric equipment is taking place and whether or not Air Purification equipment is necessary.

A copper and/or silver strip is provided, sealed to prevent contamination until ready for use. This is placed in the area under investigation for a period of 30 days and then analysed in our laboratory to determine degree of corrosion and general type of corrosion present.

The copper strip analysis is related back to the instrument Society of America Standard ISA-S71.04-1985. Analysis of the silver strip shows the general group of contaminant, either sulphides and/or chlorides being present.

Classification of Reactive Environments	Severity	G1	G2	G3	G4
	Copper Reactivity	Mild	Moderate	Harsh	Severe
	angstroms	<300	<1000	<2000	≥2000

Continuous Monitoring – Equipment and technical ability to continuously monitor air in a controlled space for corrosion or a specific gas in a duct, chamber or area.



Other Services – Other services include Drager tube sampling, olfactometry sample bag collection, site surveys and performance testing, design and consultancy.

Higgins and Hewins Limited

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