

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.

Typical Media Analysis Report:-

HIGGINS & HEWINS Air and Gas Purification Systems MEDIA SAMPLE ANALYSIS REPORT			
Customer Name	JAGGLAN WATER		
Contact	John Usher		
Tel No.	01553 725472		
Location	West Wiltshire		
Report Date	19/03/2003		
Job Type	PHOSPH	PHOSPH	
Machine No.	PT105	PT105	
Serial No.	1002	1023	
Media Material	10/05/2002	10/05/2002	
Sample Date	17/03/03	17/03/2003	
Plant or Service	HAZARDOUS	HAZARDOUS	
Media Type			
Media	11.26%	14.85%	
UV Recovery	28.86%	17.2000%	41.57% or 4.1500%
Replacement Required	NO	NO	NO
Comments:			
Reply To:	Mr D Douglas JAGGLAN Water Limited Stourbridge, CV6 2JF Stourbridge West Midlands CV6 4LR Tel: 01384 397700 Fax: 01384 397701 E-Mail: air-pur@jagglan.co.uk		

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 angstroms	Mild <300	Moderate <1000	Harsh <2000	Severe ≥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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