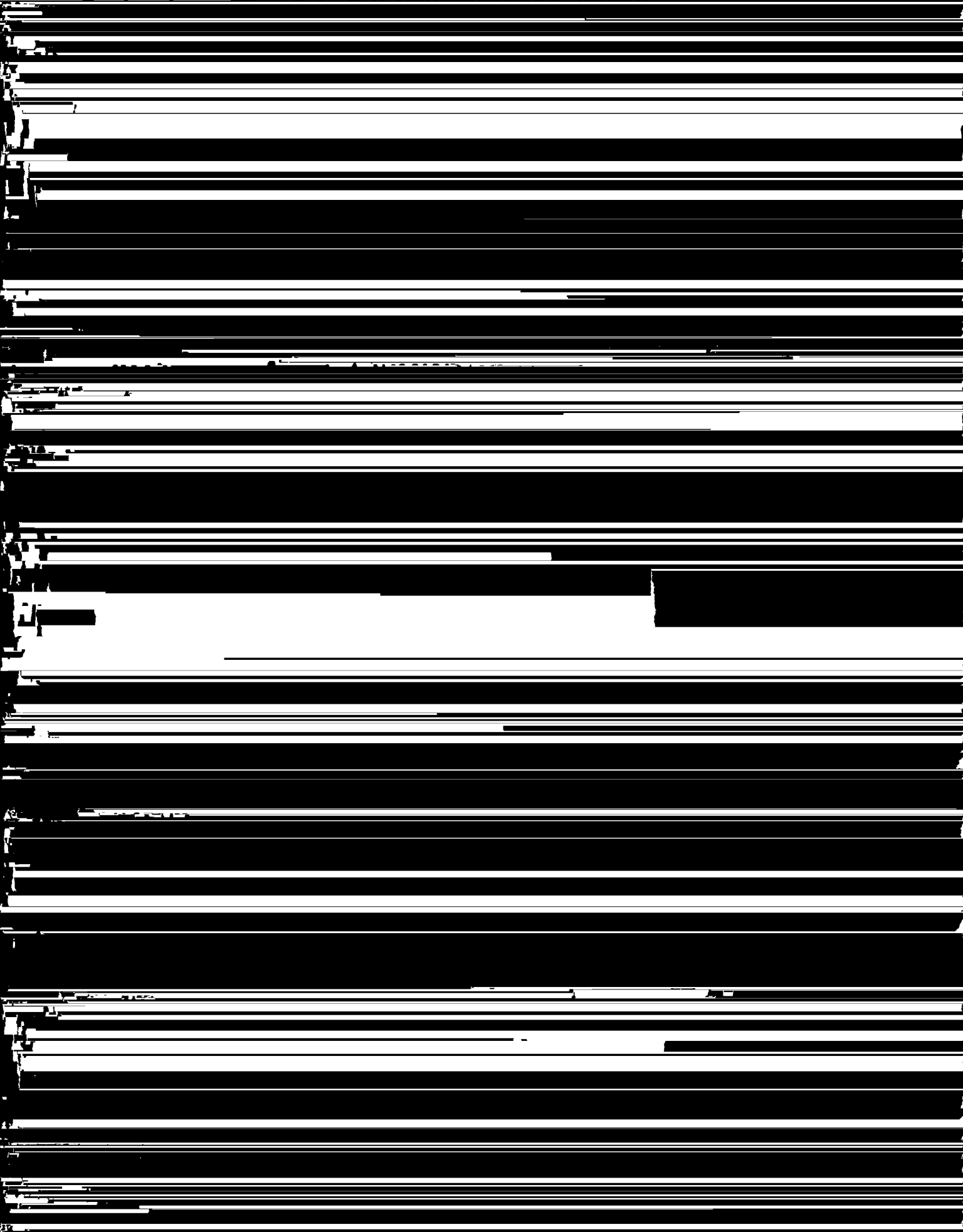


# Report by the Analytical Methods Committee

## Development of Analytical Instrumentation Part V



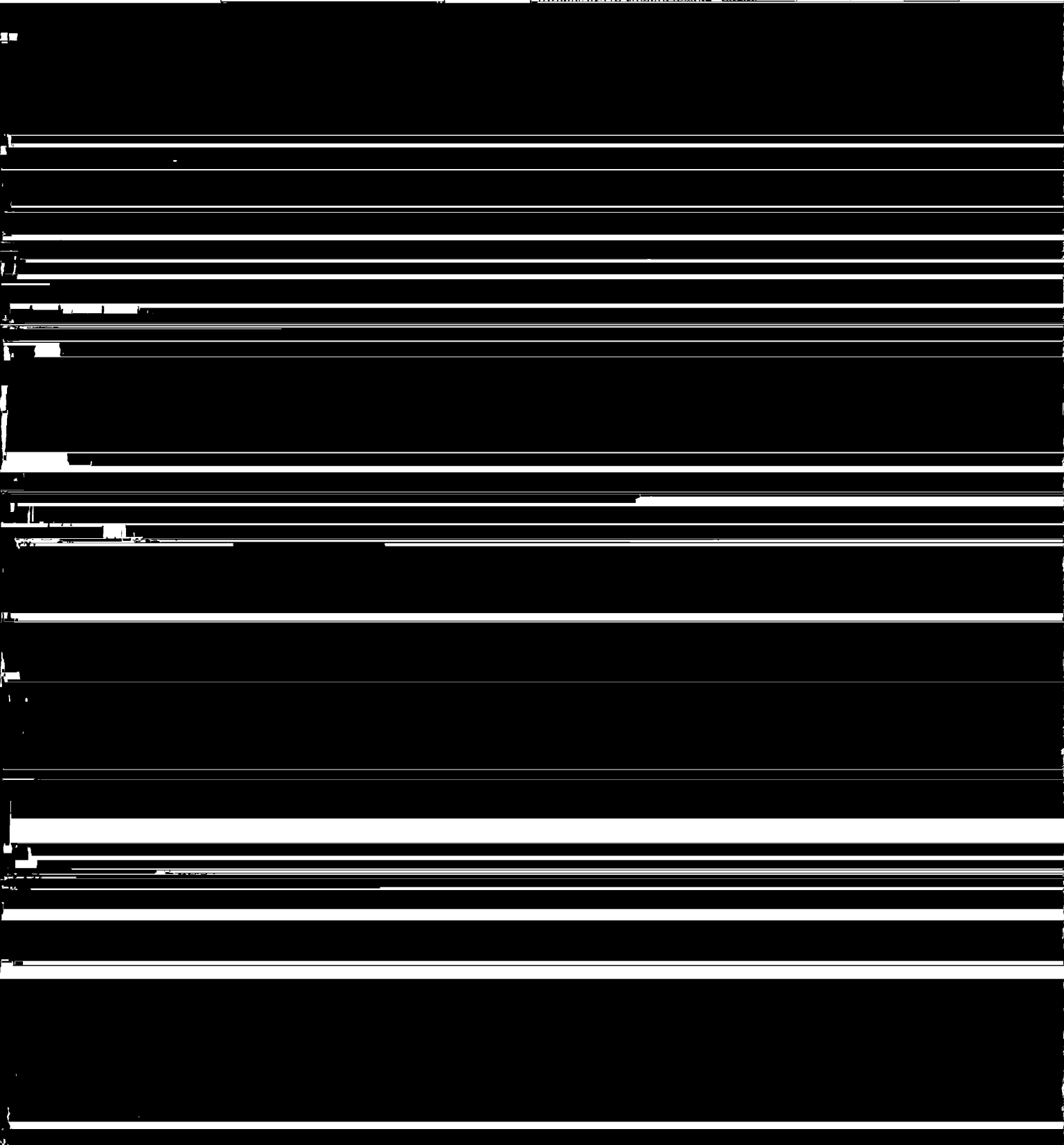


Feature	Definition and/or test procedures and guidance for assessment	Importance	Reason	Score				
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Feature	Definition and/or test procedures and guidance for assessment	Importance	Reason	Score				
(c) Height of observation adjustment	It is essential to be able accurately to set the height of observation of the plasma tailflame and to be able to do so reproducibly. Score	VI	Owing to the spatial nature of the plasma, the emissions from the tailflame and interferences from easily ionised elements are very	PS				

Feature	Definition and/or test procedures and guidance for assessment	Importance	Reason	Score				
			when compared with large torches. Greater accuracy is required in their construction and they are less tolerant of manufacturing imperfections. They do not function well with many solutions of high solute content and the plasmas tend to be extinguished by ingress of air into the nebuliser, especially when working at low powers. The larger diameter Greenfield torches are of mixed design, with					



Feature	Definition and/or test procedures and guidance for assessment	Importance	Reason	Score				
(b) Services (i) Environmental	Score maximum for minimum requirements for environmental	VI	Additional installation costs may be considerable if close control of					