

## **M504 Asbestos and Other Fibres – Revision questions**

### **Section 9 – Fibre counting**

1. What type of microscopy is usually used to undertake fibre counting?  
(Page 177)
2. What checks need to be performed to verify the set-up of the microscope prior to undertaking fibre counting?  
(Pages 177 – 180)
3. How is the filter prepared for analysis by optical microscopy?  
(Pages 180 – 182)
4. What are the counting rules used in the WHO method? (Pages 182 – 183)
5. What are the potential problems and limitations associated with the phase contrast optical microscopy fibre counting method?  
(Pages 186 – 190)
6. What procedures / systems should be in place to improve the reliability of results of asbestos fibre counting?  
(Pages 186 – 192)
7. What differences are there between electron microscopy and phase contrast optical microscopy? Give examples of when use of electron microscopy would be appropriate.  
(Pages 194 – 196)