



IPD Requirements for Member Grade

A. Use a combination of general and specialist fire science and fire engineering knowledge and understanding to optimise the application of existing and emerging technology. This includes an ability to:	
A.1 maintain a sound theoretical approach to the application of technology in fire engineering practices.	A.2 use appropriate scientific and fire engineering principles.
A.3 use a sound evidence-based approach to problem solving and quality enhancement.	
B. Apply appropriate theoretical and practical methods to design, develop, manufacture, construct, commission, operate and maintain products, equipment, processes, systems and services. In this context, this includes an ability to:	
B.1 develop, review and select techniques, procedures and methods to undertake fire engineering tasks.	B.2 contribute to design and development.
B.3 identify problems, evaluate options and formulate solutions; taking cost, benefits, safety quality, reliability, appearance and environment impact into account	B.4 determine evaluation criteria and monitor and assess performance against these criteria.
C. Provide technical and managerial leadership. This includes the ability to:	
C.1 plan, implement and co-ordinate activities against objectives.	C.2 assist in the preparation and control of budgets, and operate within the financial and commercial constraints of an organisation and the overall statutory framework.
C.3 use people management skills and provide leadership in the working environment, supporting and developing team members and managing work groups and projects.	C.4 manage continuous improvement processes.
D. Use effective communications and interpersonal skills. This includes an ability to:	
D.1 work and communicate with others at all levels.	D.2 effectively present and discuss ideas and plans
D.3 build terms and negotiate.	



E. Make a personal commitment to live by the appropriate code of professional conduct, recognising obligations to society, the profession and the environment. In order to satisfy this commitment, they must:

E.1 comply with the codes and rules of conduct.

E.2 manage and apply safe systems of work.

E.3 undertake their work in compliance with relevant codes of practice on risk and the environment.

E.4 carry out the continuing professional development necessary to ensure competence in their areas of future intended practice.