

RECOMMENDED STUDY MATERIAL FOR LEVEL 4 DIPLOMA
IFE LEVEL 4 CERTIFICATE IN FIRE ENGINEERING SCIENCE (previously Unit 1)

Mandatory Component

Prices valid from: June 2026 - Syllabus for Oct 2026

Candidates should be aware that this is an **advisory** list for the assistance of students and is by no means prescriptive.

Item No.	Publication	Price excluding VAT	Price including VAT
SYLL	Examination Syllabus - Level 4 Diploma		
346	Elementary Fire Engineering Handbook - New 4th Edition (<i>used for Science, Safety and Operations</i>)	R1 835.00	R2 110.25
021c	Fire Technology - Chemistry & Combustion	R150.00	R172.50
151	Fire Service Manual Vol. 1: Physics & Chemistry	R990.00	R1 138.50
195	Fire Service Manual Vol. 1: Hydraulics, Pumps & Water Supplies	R990.00	R1 138.50
238	An Introduction to Fire Dynamics	R2 160.00	R2 484.00
353	Formula Booklet (copy or download)	R70.00	R80.50
374	Power Correction Factors - Article of Wiring Matters (copy or download)	R65.00	R74.75
438	Fundamentals of Physics by Halliday et al (download available)	R4 400.00	R5 060.00
488	FRS Operational Guidance: Incidents involving hazardous materials (copy or download)	R190.00	R218.50
	Fire Engineering Science Study Guide – only available as an E-Book from Google Play – see link below		

Notes/Conditions:

- * 10% Discount is applicable to paid-up IFE members only.
- Due to fluctuations in exchange rate, prices are subject to change without notice.
- Membership fees, examination fees and delivery charges are not included in the above.
- Candidates may request a quotation to include membership fees (if applicable) exam fees, relevant study material and delivery charges for the units they are writing.
- It is the responsibility of the candidate to access the free online downloads.
- Publications listed are subject to availability from suppliers.
- Candidates will need to consider the items it contains selectively. Candidates should use the published syllabus for the examination as their guide in deciding what reading materials they need to help them prepare for the examination. The IFE recommends that all candidates should read widely in order to extend the depth and breadth of their knowledge and understanding.

Level 4 Diploma Fire Engineering Science
Free Resources and Additional Reading

Past Exam Papers & Examiner Reports: Level 4 Diploma http://www.ife.org.za/past-papers/ Fire Engineering Science Formula Booklet https://www.ife.org.uk/Portals/0/Education/Articles/Fire_Engineering_Science-Formula_Booklet.pdf?ver=2024-06-04-124204-893%C3%97tamp=1717501644353 488 - https://assets.publishing.service.gov.uk/media/5a74e3d1ed915d502d6cbd11/GRA_Hazmat_Manual_part_1.pdf 374 - https://electrical.theiet.org/media/1687/power-factor-correction-pfc.pdf Study Guide - https://play.google.com/store/books/details?id=B3fZEQAAQBAJ
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