

RECOMMENDED STUDY MATERIAL FOR **IFE LEVEL 4 DIPLOMA IN FIRE SCIENCE & FIRE SAFETY**

Prices valid as at: June 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
Certificate in Fire Engineering Science (mandatory unit)			
SYLL	Examination Syllabus - Level 4 Diploma		
346	Elementary Fire Engineering Handbook - New 4th Edition (<i>also used for 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 (copy or download)	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 through Google Play		
Certificate in Fire Safety (mandatory unit)			
SYLL	Examination Syllabus - Level 4 Diploma		
346	Elementary Fire Engineering Handbook - New 4th Edition (<i>also used for Science and Operations</i>)	R1 835.00	R2 110.25
193	Fire Service Manual Vol. 3: Building Construction	R1 122.00	R1 290.30
200	Fire Service Manual Vol. 3: Fire Protection of Buildings	R1 395.00	R1 604.25
290/1/2	SANS 10400 Parts A, T & W (A: R970 & T: R1100 & W: R450)	R2 540.00	R2 921.00
354	FRA: Sleeping Accommodation (copy or download)	R135.00	R155.25
355	FRA: Means of Escape for Disabled people (copy or download)	R120.00	R138.00
356	FRA: Offices and Shops (copy or download)	R135.00	R155.25
357	FRA: Factories & Warehouses (copy or download)	R135.00	R155.25
358	FRA: Residential Care Premises (copy or download)	R140.00	R161.00
359	FRA: Educational Premises (copy or download)	R135.00	R155.25
360	FRA: Small, Medium Places of Assembly (copy or download)	R135.00	R155.25
361	FRA: Large Places of Assembly (copy or download)	R140.00	R161.00
362	FRA: Theatres, Cinemas & Similar Premises (copy or download)	R170.00	R195.50
363	FRA: Open air events and venues (copy or download)	R120.00	R138.00
364	FRA: Healthcare Premises (copy or download)	R150.00	R172.50
365	FRA: Transport Premises and Facilities (copy or download)	R150.00	R172.50
366	FRA: Animal Premises & Stables (copy or download)	R140.00	R161.00
384	ASFP Guide to Passive Fire Protection for Fire Risk Assessors (copy or download)	R80.00	R92.00
385	ASFP Ensuring Best Practice for Passive Fire Protection in buildings (copy or download)	R80.00	R92.00
391	ASFP Grey Book Vol 1 Fire dampers (copy or download)	R75.00	R86.25
392	BWF-Certifire - Fire Doors and Doorsets best practice guide (copy or download)	R140.00	R161.00

394	Hardware for fire and escape doors (copy or download)	R120.00	R138.00
395	Approved Doc B – Volume 1 & 2 (copy or download)	R300.00	R345.00
431	Guide to Health & Safety & Welfare at Music and similar events (copy or download)	R170.00	R195.50
432	Guidance on the emergency use of Lifts or Escalators for Evac. (copy or download)	R80.00	R92.00
440	Making your premises safe from fire (copy or download)	R90.00	R103.50
443	Graphical symbols and abbreviations (copy or download)	R80.00	R92.00
444	Emergency Lighting BS5266 (copy or download)	R60.00	R69.00
448	FRA: Guidance for the hospitality industry (copy or download)	R60.00	R69.00
449	Guidance fire safety provisions certain types of housing (copy or download)	R110.00	R126.50
457	Fire Detection & Fire Alarm Systems: BS5839 Part 1 (copy or download)	R150.00	R172.50
458	Fire Detection & Fire Alarm Systems: BS5839 Part 5 (copy or download)	R100.00	R115.00
487	FRA: 5 step checklist	FREE	FREE
Certificate in Fire Service Operations & Incident Command (optional unit)			
SYLL	Examination Syllabus - Level 4 Diploma		
346	Elementary Fire Engineering Handbook - New 4th Edition <i>(also used for Science & Safety)</i>	R1 835.00	R2 110.25
156	Fire and Rescue Manual Volume 2 Fire Service Operations Incident Command (download only – no longer available in print)	R0.00	R0.00
193	Fire Service Manual Volume 3: Basic principles of building construction (copy or download)	R1100.00	R1 265.00
200	Fire Service Manual Volume 3: Fire Protection of buildings (copy or download)	R1 350.00	R1 552.50
430	Multi Agency Working – JESIP Joint Doctrine document (copy or download)	R80.00	R92.00
470	Fire & Rescue Incident: A practical guide to incident ground management	R2 065.00	R2 374.75
474	Protocol for the disposal of contaminated water and associated wastes at incidents (copy or download)	R50.00	R57.50
489	JESIP - IOR to incidents suspected to involve hazardous substances (copy or download)	R50.00	R57.50
	Generic Risk Assessment (GRA), 4.3: Incidents involving air transport systems Operational Guidance : Aircraft Incidents		
	Operational Guidance, Railway Incidents Guidance to fire & rescue authorities: Railway Incidents		
	Operational Guidance, Incidents Involving Hazardous Materials Incidents involving hazardous materials		
	National Grid Guidance for UK Fire & Rescue Services (download)		
Certificate in Aviation Fire Operations (optional unit)			
SYLL	Examination Syllabus - Level 4 Diploma		
312	Fire & Rescue Operational Guidance - Aircraft Incidents	R3 161.00	R3 635.15
330c	Fire & Rescue Services Operational Guidance: Generic Risk Assessment	R65.00	R74.75
156	F&R Manual Volume 2: Fire Service Operations Incident Command (download only – no longer available in print)	R0.00	R0.00
367	Helipoint Manual Doc 9261 Part 1. 3rd Edition (copy or download)	R100.00	R115.00
368	CAP 168 Licensing of Aerodromes (copy or download)	R360.00	R414.00
369	CAP 699 Framework for the competence of rescue & firefighting service (RFFS) personnel (copy or download)	R150.00	R172.50
371	Airport Service Manual - Doc 9137 Part 1 Rescue & Firefighting (copy or download)	R130.00	R149.50
372	Airport Service Manual - Doc 9137 Part 7 Airport Emergency (copy or download)	R100.00	R115.00
481	Environmental Agency & DCLG environmental handbook (Chapter 3 &	R210.00	R241.50

	Appendix 1 (copy or download)		
463	Annex 14 Aerodromes Volumes II – Heliports Fifth Edition (Amendment 9) (copy on download)	R100.00	R115.00
470	Fire and Rescue Incident: A Practical Guide to Incident Ground Management by Tony Prosser and Mark Taylor. ISBN: 978-1-912755-09-7	R2 065.00	R2 374.75
Certificate in Leadership & Management (optional unit)			
SYLL	Examination Syllabus - Level 4 Diploma		
211	Management Theory & Practice	R1 400.00	R1 610.00
336	Leadership & Management Resource 2018 (copy or download)	R150.00	R172.50
476	NFCC Leadership Framework (copy or download)	R40.00	R46.00
SUPPLEMENTARY STUDY MATERIALS			
Guidance documents on Health and Safety in the workplace - Guidance on health and safety at work - HSE Section on "Guidance" only.			
Effective Leadership – John Adair			
The John Adair Handbook of Leadership & Management – John Adair			
Certificate in Fire Investigation (optional unit)			
SYLL	Examination Syllabus - Level 4 Diploma		
O39	Kirks Fire Investigation	R3 900.00	R4 485.00
302	NFPA 921 : Guide to Fire and Explosion Investigation	R4 700.00	R5 405.00
459	Fire Investigator – Principles & Practice to NFPA 921 & 1033	R3 960.00	R4 554.00
471	FRS – Operational guidance for incidents involving hazardous materials – part 1 (copy or download)	R200.00	R230.00
	DELIVERY cost on application		

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 Free Resources and Additional Reading

Past Exam Papers & Examiner Reports: Level 4 Certificate <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%97&mp=1717501644353

374 - <https://electrical.theiet.org/media/1687/power-factor-correction-pfc.pdf>

Study guide <https://play.google.com/store/books/details?id=B3fZEQAQBAJ>

Fire Safety

Recommendations for graphic symbols and abbreviations for fire protection drawings:

<http://www.firesafe.org.uk/graphical-symbols-and-abbreviations-for-fire-protection-drawings/>

Fire Safety Law and Guidance documents for business - Fire Safety Risk Assessment: Offices and Shops, Factories & Warehouses, Sleeping Accommodation, Residential Care Premises, Educational Premises, Small & Medium Places of Assembly, Large Places of Assembly, Theatres, Cinemas and Similar Premises, Open Air Events and Venues, Healthcare Premises, Transport Premises & Facilities, Animal Premises & Stables, Means of Escape for Disabled People, 5 step checklist:

<https://www.gov.uk/government/collections/fire-safety-law-and-guidance-documents-for-business>

Guide to Health & Safety & Welfare at Music and similar event - free download from:
https://www.qub.ac.uk/safety-reps/sr_webpages/safety_downloads/event_safety_guide.pdf

Guidance on the emergency use of lifts and escalators - free download from:
<http://www.highrisefirefighting.co.uk/docs/guidanceemergencylifts.pdf>

Emergency Lighting: BS5266
<https://www.firesafe.org.uk/emergency-lighting>

Jesip incident reports and inquiries:
<https://www.jesip.org.uk/incident-reports-and-inquiries/>

International Association of Fire Safety Science: Human Behaviour in Fires
<https://www.youtube.com/@HumanBehaviourInFires/videos>

LPC rules for sprinkler installations 2015 incorporating BSEN12845
<https://www.thefpa.co.uk/shop/lpc-sprinkler-rules-subscription/lpc-sprinkler-rules-with-bs-en-12845-print-subscription>

Preparing your business in case of emergency:
<https://www.dsfire.gov.uk/safety/businesses/preparing-business-for-emergency>

Fire Protection Association public toolkits:
<https://www.thefpa.co.uk/advice-and-guidance/public-toolkits>

443 – Graphical symbols and abbreviations
<https://www.firesafe.org.uk/graphical-symbols-and-abbreviations-for-fire-protection-drawings/>

Additional content can be found for Fire Safety in the following books (not available through the IFE)
BS 9999 Fire safety in the design, management and use of buildings – Code of practice

Aviation Fire Operations

CAP 168:
https://publicapps.caa.co.uk/docs/33/CAP%20168%20Issue11_Licensing%20of%20Aerodromes%2013032019.pdf
CAP 699: <http://publicapps.caa.co.uk/modalapplication.aspx?appid=11&mode=detail&id=235>
156 [incidentcommand.pdf](https://www.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/7643/incident-command.pdf) (publishing.service.gov.uk)
481 <https://nfcc.org.uk/wp-content/uploads/2023/10/Environment-Agency-and-DCLG-environmental-handbook.pdf>

Leadership & Management in Fire & Rescue

336 - Leadership & Management Resource 2018 – IFE
<https://www.ife.org.uk/Home/Events-and-resources/Articles>
Guidance documents on Health and Safety in the workplace - [Guidance on health and safety at work - HSE](#)
Section on “Guidance” only.
476 - NFCC Leadership Framework - Inspiring Leadership in the Fire and Rescue Service
https://nfcc.org.uk/wp-content/uploads/2023/08/NFCC_Leadership_Framework_Final.pdf

Fire Service Operations & Incident Command

National Operational Guidance Programme - all sub-sections, only available to NFCC members:
<https://nfcc.org.uk/our-services/national-operational-guidance/>

Principles for Joint Working <https://www.jesip.org.uk/joint-doctrine/principles-for-joint-working/>
Joint decision making model <https://www.jesip.org.uk/joint-doctrine/the-joint-decision-model-jdm/>
156 - https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/7643/incident-command.pdf
474 - <https://www.water.org.uk/sites/default/files/wp/2018/11/Contaminated-Water-Disposal-Protocol.pdf>
489 - <https://www.jesip.org.uk/downloads/initial-operational-response-ior-to-incidents-suspected-to-involve-hazardous-substances-or-cbrn-materials/>

IFE Fire Service Operations and Incident Command Resources
<https://www.ife.org.uk/Home/Events-and-resources/Articles>

National Grid Guidance for UK Fire and Rescue Services <https://nfcc.org.uk/wp-content/uploads/2025/05/National-Grid-Guidance-for-UK-Fire-and-Rescue-Services-03-2018.pdf>

Fire Investigation

471 - [Fire and rescue service: operational guidance for incidents involving hazardous](#)