

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

Prices valid as at: Sept 2023

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 535.00	R1 765.25
021c	Fire Technology - Chemistry & Combustion	R180.00	R207.00
401	The Foundation of Hazardous materials Section 1 (copy or download)	R100.00	R115.00
151	Fire Service Manual Vol. 1: Physics & Chemistry	R1 122.00	R1 290.30
195	Fire Service Manual Vol. 1: Hydraulics, Pumps & Water Supplies	R1 122.00	R1 290.30
238	An Introduction to Fire Dynamics	R2 120.00	R2 438.00
353	Formula Booklet (copy or download)	R70.00	R80.50
374	Power Correction Factors - Article of Wiring Matters (copy or download)	R100.00	R115.00
438	Fundamentals of Physics by Halliday et al (copy or download)	R4 400.00	R5 060.00
456	NOG: Foundation of Environmental Protection (copy or download)	R175.00	R201.25
SUPPLEMENTARY STUDY MATERIALS			
153	Fire Service Manual Vol. 2: Electricity	R957.00	R1 100.55
200	Fire Service Manual Vol. 3: Fire Protection of Buildings	R1 704.00	R1 959.60
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 535.00	R1 765.25
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
294	Fire Service Manual Vol. 3: Basic Guide for Fire Authority Enforcement	R1 031.00	R1 185.65
290/1/2	SANS 10400 Parts A, T & W (A: R1270 & T: R1270 & W: R567)	R2 350.00	R2 702.50
352	Guidance for Reduction of False Alarms & Unwanted Fire Signals (copy or download)	R70.00	R80.50
354	FRA: Sleeping Accommodation (copy or download)	R150.00	R172.50
355	FRA: Means of Escape for Disabled people (copy or download)	R100.00	R115.00
356	FRA: Offices and Shops (copy or download)	R160.00	R184.00
357	FRA: Factories & Warehouses (copy or download)	R160.00	R184.00
358	FRA: Residential Care Premises (copy or download)	R160.00	R184.00
359	FRA: Educational Premises (copy or download)	R160.00	R184.00
360	FRA: Small, Medium Places of Assembly (copy or download)	R160.00	R184.00
361	FRA: Large Places of Assembly (copy or download)	R160.00	R184.00
362	FRA: Theatres, Cinemas & Similar Premises (copy or download)	R170.00	R195.50
363	FRA: Open air events and venues (copy or download)	R150.00	R172.50
364	FRA: Healthcare Premises (copy or download)	R170.00	R195.50

365	FRA: Transport Premises and Facilities (copy or download)	R170.00	R195.50
366	FRA: Animal Premises & Stables (copy or download)	R160.00	R184.00
	FRA: 5 step checklist	FREE	FREE
384	ASFP Guide to Passive Fire Protection for Fire Risk Assessors (copy or download)	R100.00	R115.00
385	ASFP Ensuring Best Practice for Passive Fire Protection in buildings (copy or download)	R100.00	R115.00
391	ASFP Grey Book Vol 1 Fire dampers (copy or download)	R100.00	R115.00
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)	R135.00	R155.25
395	Approved Doc B – Volume 1 & 2 (copy or download)	R300.00	R345.00
425	Fires in buildings – Supplementary info (copy or download)	R190.00	R218.50
431	Guide to Health & Safety & Welfare at Music and similar events (copy or download)	R190.00	R218.50
432	Guidance on the emergency use of Lifts or Escalators for Evac. (copy or download)	R100.00	R115.00
440	Making your premises safe from fire (copy or download)	R60.00	R69.00
443	Graphic 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
	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 435.00	R1 650.25
349	NOG: Environment (copy or download)	R110.00	R126.50
350	NOG: Incident Command (copy or download)	R130.00	R149.50
351	NOG: Operations (copy or download)	R250.00	R287.50
405	NOG: The Foundation for Incident Command (copy or download)	R120.00	R138.00
406	NOG: The Foundation for Hazardous Materials (copy or download)	R370.00	R425.50
402	NOG: The Foundation for Breathing Apparatus (copy or download)	R110.00	R126.50
408	NOG: Fire & Firefighting (copy or download)	R200.00	R230.00
409	NOG: Water Rescue and Flooding (copy or download)	R175.00	R201.25
410	NOG: Major Incidents (copy or download)	R100.00	R115.00
411	NOG: Industry (copy or download)	R120.00	R138.00
412	NOG: Performing Rescues (copy or download)	R225.00	R258.75
413	NOG: Subsurface, height, structures & confined spaces (copy or download)	R250.00	R287.50
414	NOG: Tunnels & underground structures sup. (copy or download)	R60.00	R69.00
415	NOG: Utilities & Fuel (copy or download)	R250.00	R287.50
416	NOG: Transport (copy or download)	R260.00	R299.00
417	NOG: Wildfires (copy or download)	R175.00	R201.25
418	NOG: Hazardous Material (copy or download)	R225.00	R258.75
419	NOG: Fires in Waste sites (incl. Renewable energy) (copy or download)	R190.00	R218.50
420	NOG: Incidents involving animals (copy or download)	R80.00	R92.00
421	NOG: Fires on board vessels (copy or download)	R150.00	R172.50
423	NOG: Fires in buildings under construction (copy or download)	R150.00	R172.50
424	NOG: Fire Equipment Knowledge Sheet (copy or download)	R60.00	R69.00
425	NOG: Fires in buildings - research establishment supplementary Information (copy or download)	R190.00	R218.50
426	NOG: Utilities & Fuel supplementary information (copy or download)	R100.00	R115.00
427	NOG: Industry supplementary information (copy or download)	R90.00	R103.50
428	NOG: Smart motorways national operating agreement (copy or download)	R90.00	R103.50
429	NOG: Joint Operating Principles for Emergency services (copy or download)	R80.00	R92.00
430	NOG: The interoperability framework (copy or download)	R80.00	R92.00

441	NOG: Fires in Buildings (copy or download)	R230.00	R264.50
445	NOG: Hazardous materials (copy or download)	R250.00	R287.50
456	NOG: Foundation for Environmental Protection (copy or download)	R185.00	R212.75
465	NOG: Fire Control Command Guidance (copy or download)	R80.00	R92.00
466	NOG: Terrorist Attacks (copy or download)	R80.00	R92.00
467	NOG: Geophysical Hazards (copy or download)	R100.00	R115.00
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
350	Incident Command: Knowledge, Skills & Competence (copy or download)	R130.00	R149.50
367	Heliport Manual Doc 9261 Part 1. 3rd Edition (copy or download)	R150.00	R172.50
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)	R200.00	R230.00
371	Airport Service Manual - Doc 9137 Part 1 Rescue & Firefighting (copy or download)	R150.00	R172.50
372	Airport Service Manual - Doc 9137 Part 7 Airport Emergency (copy or download)	R150.00	R172.50
456	NOG: Foundation for Environmental Protection (copy or download)	R185.00	R212.75
463	Annex 14 Aerodromes Volumes II – Heliports Fifth Edition (Amendment 9) (copy on download)	R90.00	R103.50
Certificate in Leadership & Management (optional unit)			
SYLL	Examination Syllabus - Level 4 Diploma		
211	Management Theory & Practice	R835.00	R960.25
336	Leadership & Management Resource 2018 (copy or download)	R150.00	R172.50
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
301	A Guide to Fire Investigation	R1 810.00	R2 081.50
302	NFPA 921 : Guide to Fire and Explosion Investigation	R3 400.00	R3 910.00
406	NOG: The Foundation for Hazardous Materials (copy or download)	R370.00	R425.50
459	Fire Investigator – Principles & Practice to NFPA 921 & 1033	R3 851.00	R4 428.65
DELIVERY cost on application			

Notes/Conditions:

1. * 10% Discount is applicable to paid-up IFE members only.
2. Due to fluctuations in exchange rate, prices are subject to change without notice.
3. Membership fees, examination fees and delivery charges are not included in the above.
4. 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.
5. It is the responsibility of the candidate to access the free online downloads.
6. Publications listed are subject to availability from suppliers.
7. 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

Fundamentals of Physics (Elective) R 5 537 - Halliday, published Wiley & Sons

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-2>

Health Technical Memorandum 05-01: Managing healthcare fire safety - free downloads from:

<https://www.gov.uk/government/publications/managing-healthcare-fire-safety>

Guidance for reduction of false alarms & unwanted fire signals - free downloads from:

<http://www.cfoa.org.uk/download/49412>

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:

<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>

Fire Safety in purpose built flats - free download from:

<https://www.local.gov.uk/fire-safety-purpose-built-flats>

Emergency Lighting: BS5266

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

Passive Fire Protection solutions British Gypsum January 2011

<https://www.asfp.associationhouse.org.uk>

The CFPA website also provides a number of free download guides that cover a number of the areas of the syllabus

<https://cfpa-e.eu/cpfa-e-guidelines/guidelines-fire-protection-form/#link-register-bottom>

Additional content can be found for Fire Safety in the following books (not available through the IFE)

Code of practice for Fire Safety in the Design, Management and use of buildings

BS9999 Handbook - Publisher: BSI - Author: Michael Green and Jonathan Joinson

ASFP YouTube video - Fire Protection to the structure of the building

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>

Airport Service Manual Doc 9137 Part 1 Rescue & Firefighting:

Leadership & Management in Fire & Rescue

Leadership & Management Resource 2018 - IFE

https://www.ife.org.uk/write/MediaUploads/Exams/Resources/Leadership_and_Management_resource_2018_v12.pdf

Fire Service Operations & Incident Command

National Operational Guidance Programme - all sub-sections, additional new study references:

<http://www.ukfrs.com/guidance/published-guidance>

Generic Risk Assessments - comprehensive range of topics; the link below takes you to a portal from which relevant documents can be downloaded (349-428):

<https://www.ukfrs.com/guidance>

Joint Operating Principles for Emergency Services:

https://www.jesip.org.uk/uploads/media/pdf/CBRN%20JOPs/JESIP_CBRN_E_JOPS_Document_On.pdf

Joint Operating - The inter operability framework:

https://www.jesip.org.uk/uploads/media/pdf/Joint_%20Doctrine/JESIP_Joint_Doctrine_Document.pdf

Fire Investigation

Foundation for Hazardous Materials:

<https://www.ukfrs.com/foundation-knowledge/foundation-hazardous-materials>