

Health and Safety Guide

for members



British Marine Federation, Marine House, Thorpe Lea Road, Egham, Surrey TW20 8BF

t: +44 (0) 1784 47 33 77 f: +44 (0) 1784 43 96 78

www.britishmarine.co.uk

© British Marine Federation



Section	Page
1 Introduction	4
2 The Fundamentals of Health and Safety in the UK	8
3 Safety Management	12
4 Tackling Health and Safety at your Workplace	16
5 The Public	18
6 Contractors	22
Appendix 1: The Regulators	26
Appendix 2: Enforcement	32
Appendix 3: Risk Assessment	34

Health and Safety Guide

Boat building and repairs



British Marine Federation, Marine House, Thorpe Lea Road, Egham, Surrey TW20 8BF

t: +44 (0) 1784 47 33 77 f: +44 (0) 1784 43 96 78

www.britishmarine.co.uk

© British Marine Federation



Photograph: Saxon Wharf

Section	Page
1 Introduction	6
1.1 General	7
1.2 Scope	8
1.3 Structure of this Guide	8
1.4 Enforcement	9
2 Safety Management Overview	10
2.1 General	11
2.2 Assessing and Controlling Risks	11
2.3 Substances Hazardous to Health	11
2.4 Management of Dangerous Substances	12
2.5 Protecting the Individual	12
2.6 Machinery	12
(a) Provision and use	12
(b) Noise	13
(c) Hand-arm vibration	14
2.7 Materials and Parts Handling	14
2.8 Working at Height	14
2.9 Works Traffic	15
2.10 Confined Spaces	15
2.11 Public access to yards	16
3 Boat Building Activities	18
3.1 GRP moulding	19
(a) Laminating	19
(b) Expanded plastics (foams)	20
(c) Plug and mould tool making	20
(d) Removing work-pieces from moulds	20
3.2 Assembly and fitting-out	20
3.3 Managing workflow	21
(a) Site transport	21
(b) Lifting and moving boats and assemblies	21
3.4 Fabrication - Metal	21
(a) Arc welding	21
(b) Gas welding and cutting	21
(c) Soldering and brazing	22
(d) Grinding	22
3.5 Painting and Finishing	23
3.6 Cleaning and degreasing	24
3.7 Woodworking	24
(a) Dust	24
(b) Machinery	25
3.8 Installation, Test, and Commissioning	25

4	Boat Repairs, Maintenance and Modification	28
4.1	Interior work	29
	(a) General	29
	(b) Asbestos	29
	(c) Confined spaces	30
	(d) Hot work	30
4.2	Exterior work	20
	(a) Pressure washing	30
	(b) Grit blasting	30
	(c) Gelcoat peeling	30
	(d) Diving	30
	(e) Working at Height	30
	(f) GRP repairs	30
5	Customer Demonstrations and trials	32
6	Site management issues	34
6.1	Electricity at Work	35
6.2	Pressure Vessels	35
6.3	Construction Works	35
Annex		38
	List of BMF Topic Guides	39

Health and Safety Guide

Marinas and Boatyards



British Marine Federation, Marine House, Thorpe Lea Road, Egham, Surrey TW20 8BF

t: +44 (0) 1784 47 33 77 f: +44 (0) 1784 43 96 78

www.britishmarine.co.uk

© British Marine Federation



Photograph: Queen Anne's Battery

Section	Page
1 Introduction	4
1.1 General	5
1.2 Scope	6
1.3 Structure of this Guide	6
2 Safety Management Overview	8
2.1 Planning for Safety	9
2.2 The Public	9
2.3 Contractors	10
2.4 Shared Premises	10
2.5 Communications	10
2.6 Emergencies	11
2.7 Enforcement	11
3 Marina Inspection and Maintenance	12
4 Services and Activities	16
4.1 Fuel Dispensing	17
4.2 Navigation Services	18
4.3 Lifting, Storing and Launching of Boats	19
4.4 Maintaining safe and useable Channels	20
4.5 Providing and Maintaining Life Saving Equipment for Public Use	20
4.6 Dry Stacking	22
4.7 Brokerage	22
4.8 Managing Access to the Site	24
4.9 Contracting for Construction Work	25
4.10 Work carried out or commissioned by Boat Owners	26
4.11 Boat-Using Businesses	27
5 Managing Emergencies	28
6 Communications	32
Annex: List of BMF topic guides	36

Health and Safety Guide

Boat using at work

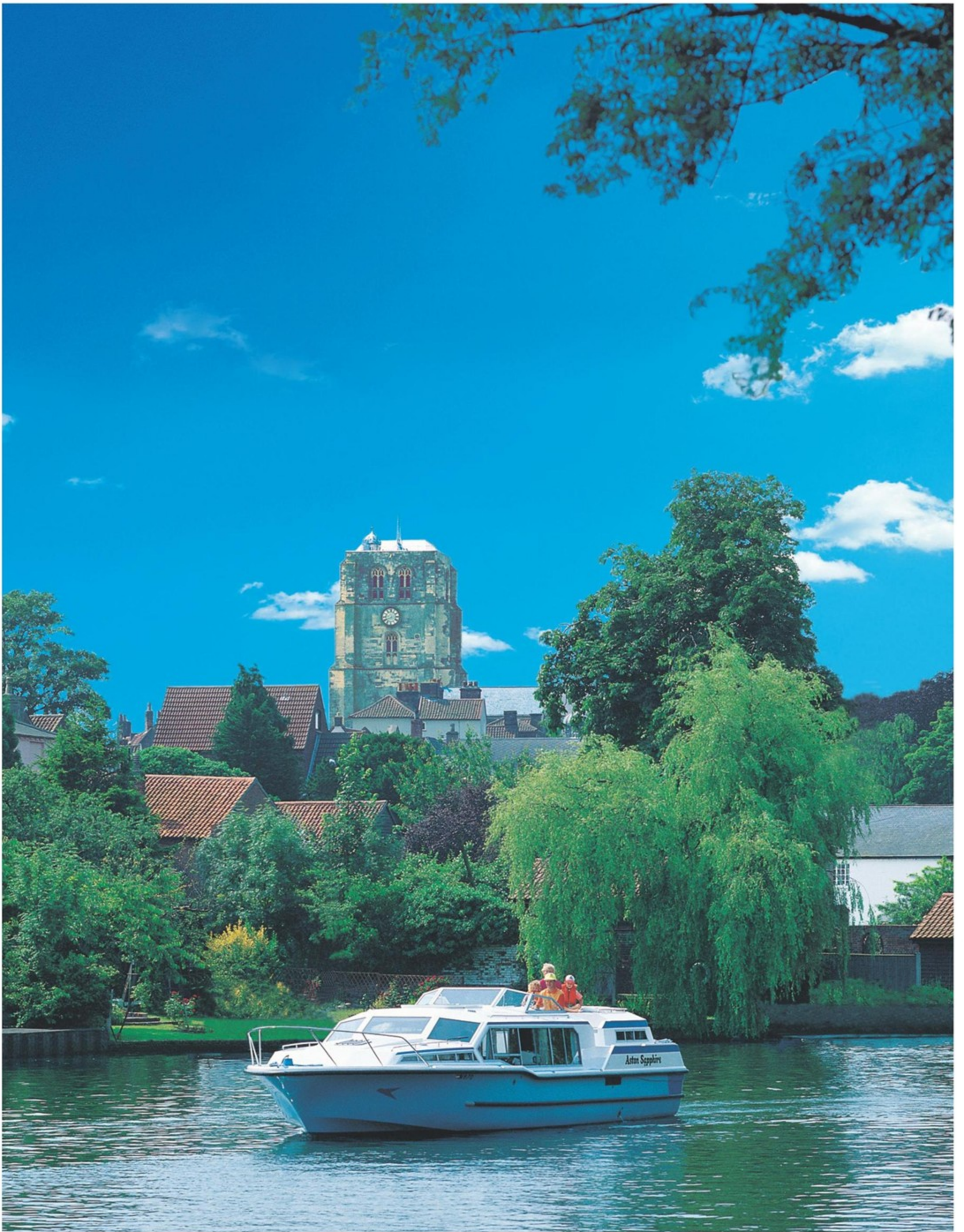


British Marine Federation, Marine House, Thorpe Lea Road, Egham, Surrey TW20 8BF

t: +44 (0) 1784 47 33 77 f: +44 (0) 1784 43 96 78

www.britishmarine.co.uk

© British Marine Federation



Section	Page
1 Introduction	6
1.1 General	7
1.2 Scope	8
1.3 Structure of this Guide	8
1.4 Enforcement	9
2 Safety Management Overview	10
2.1 Planning for Safety	11
2.2 The Public	11
2.3 Operational bases	12
2.4 Boat Technical and Operational Standards	12
2.5 Emergencies	12
2.6 Communications	12
3 Risk Assessment	14
4 Specific Activities – Land-Based	16
4.1 Access to and around the site	17
4.2 Lifting, carrying, handling, and launching	18
4.3 Water Safety – Members of the Public	18
4.4 Water Safety – Staff	19
4.5 Boat Maintenance	19
4.6 Construction work	21
4.7 Site Traffic Management	22
4.8 Access to boats	22
4.9 Public Access to Workshops and Plant rooms, etc	23
4.10 Storage and dispensing of Fuel	23
4.11 Land-based Emergencies	24
5 Specific Activities – Water based	26
5.1 Technical and Operational Standards	27
5.2 Passenger safety afloat	28
5.3 Planning for Emergencies on the Water	29

6	Communications	32
6.1	Signs	33
6.2	Notice Boards	33
6.3	Interpretation Boards	34
6.4	Leaflets, letters, and emails	34
6.5	Verbal	34
6.6	Emergencies	34
	Table: Technical and Operational Requirements	36
	Annex: List of BMF Topic Guides	38



Health and Safety Guide

As part of its services to members and the industry the British Marine Federation has for many years provided a health and safety handbook which gave guidance on a very wide range of health and safety topics. Over this time there has been a lot of new Health and Safety legislation, but also a growing body of 'good practice' both within the marine industry and outside, which has made compliance easier, as well as increasing recognition of the business case for good safety in terms of process efficiency, well-being of staff, and profitability.

This new and up to date Health and Safety Guide is complemented by three Sector Guides covering the specific needs of Boat Building and Repairs, Marinas and Boatyards and Boat Using at Work. These four resources are contained on a single CDROM in an easy to read, fully searchable format, allowing quick access to sections, topics, references and bookmarking. Also included are many of the free guides published by the Health and Safety Executive that can be easily downloaded from the CDROM.

One CDROM is provided free of charge to all BMF members

**For non-members and members requiring additional copies the CDROM is available for
£50 + VAT + p&p**

This is an indispensable resource for all those with responsibility for Health and Safety in the Recreational Marine Industry.

*To order a copy please contact Carole Abel in the BMF Technical Department on 01784
223634 or e-mail cabel@britishmarine.co.uk*