

ISO 23678-2:2022-08 (E)

Ships and marine technology - Service personnel for the maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear - Part 2: Service personnel initial training

Contents	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	2
3 Terms and definitions	3
4 Initial service technician training	3
4.1 General	3
4.2 Candidate pre-requisites	3
4.3 Aims and objectives	3
4.3.1 Aim	3
4.3.2 Key objectives	3
5 Learning outcomes of initial service technician training	4
5.1 General	4
5.2 Theory learning outcomes	4
5.2.1 Module 1 -- Service technician general industry knowledge	4
5.2.2 Module 2 -- Basic safety at work	4
5.2.3 Module 3 -- Risk management	5
5.3 Practical learning outcomes	5
5.3.1 Module 1 -- Service technician general industry knowledge	5
5.3.2 Module 2 -- Basic safety at work	5
5.3.3 Module 3 -- Risk management	5
6 Initial service technician training -- Candidate performance assessment	6
6.1 General	6
7 Duration and timing of initial service technician training	6
7.1 General	6
7.2 Contact time	6
8 Initial service technician training programme	7
8.1 General	7
8.2 Overview of training modules	7
8.2.1 Module 1 -- Service technician general industry knowledge	7
8.2.2 Module 2 -- Basic safety at work	7
8.2.3 Module 3 -- Risk management	7
8.3 Module 1 -- Service technician general industry knowledge	8
8.3.1 Element 1.1 -- Manufacturer/ASP operations	8
8.3.2 Element 1.2 -- Industry guidelines, rules, regulations and conventions applicable to manufacturer/ASP operations	8
8.3.3 Element 1.3 -- Types, design and construction of lifeboats, rescue boats and fast rescue boats, their launching appliances and release gear within the offshore and maritime industry	9
8.3.4 Element 1.4 -- The causes of lifeboat and rescue boat accidents	11

8.3.5	Element 1.5 -- The procedures for inspection maintenance thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear	12
8.4	Module 2 -- Basic safety at work	12
8.4.1	Element 2.1 -- General health and safety legislative requirements	12
8.4.2	Element 2.2 -- Workplace hazards	12
8.4.3	Element 2.3 -- Lifesaving rules	13
8.4.4	Module 2 -- Practical exercise	13
8.4.5	Module 2 -- Written test	13
8.5	Module 3 -- Risk management	13
8.5.1	Element 3.1 -- Risk assessment	13
8.5.2	Element 3.2 -- Risk intervention systems	14
8.5.3	Module 3 -- Practical exercises	14
8.5.4	Module 3 -- Written test	14
9	Initial service technician refresher training	15
9.1	General	15
9.2	Candidate pre-requisites	15
9.3	Aims and objectives	15
9.3.1	Aim	15
9.3.2	Objectives	15
9.4	Learning outcomes	15
9.4.1	General	15
9.4.2	Module 4 -- Service technician general industry knowledge	15
9.5	Candidate assessment	16
9.6	Duration and timing of initial ASP service technician refresher training	16
10	Initial service technician refresher training programme	16
10.1	General	16
10.2	Module 4 -- Service technician general industry knowledge	16
10.2.1	Element 4.1 -- Legislative framework, industry guidelines, rules, regulations, and conventions applicable to manufacturers and ASPs	16
10.2.2	Element 4.2 -- The procedures for thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear	17
10.3	Module 5 -- Basic safety at work	17
10.3.1	Element 5.1 -- General health and safety legislative requirements	17
	Annex A (informative) Assessors checklists	18
	Bibliography	23