

NORSOK STANDARD

COMMON REQUIREMENTS
SAFETY EQUIPMENT DATA SHEETS

S-011
Rev. 2, August 1999

This NORSOK standard is developed by NTS with broad industry participation.
Please note that whilst every effort has been made to ensure the accuracy of this standard, neither OLF nor TBL or any of their members will assume liability for any use thereof. NTS is responsible for the administration and publication of this standard.

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FOREWORD

NORSOK (The competitive standing of the Norwegian offshore sector) is the industry initiative to add value, reduce cost and lead time and eliminate unnecessary activities in offshore field developments and operations.

The NORSOK standards are developed by the Norwegian petroleum industry as a part of the NORSOK initiative and supported by OLF (The Norwegian Oil Industry Association) and TBL (Federation of Norwegian Manufacturing Industries). NORSOK standards are administered and issued by NTS (Norwegian Technology Standards Institution).

The purpose of NORSOK standards is to contribute to meet the NORSOK goals, e.g. by replacing individual oil company specifications and other industry guidelines and documents for use in existing and future petroleum industry developments.

The NORSOK standards make extensive references to international standards. Where relevant, the contents of a NORSOK standard will be used to provide input to the international standardisation process. Subject to implementation into international standards, the NORSOK standard will be withdrawn.

INTRODUCTION

The revision 2 of this document is an update of S-CR-001, Rev 1 issued December 1994.

This standard outlines common requirements to data sheets for safety equipment as listed below. These data sheets should be used when enquiring, trading and purchasing such equipment.

SDS-100	Liferaft and Davit Data Sheet
SDS-101	Firewater Monitors Data Sheet
SDS-102	Firewater Hosereels w/nozzle Data Sheet
SDS-103	Evacuation Chute Data Sheet
SDS-104	Firewater Hydrant Data Sheet
SDS-105	Fire fighting Cabinet Data Sheet
SDS-106	Mob Equipment Station Data Sheet
SDS-107	Lifejacket Cabinet Data Sheet
SDS-108	Survival Suits Cabinet Data Sheet
SDS-109	Fireman's Equipment Cabinet Data Sheet
SDS-110	Firewater Valve Skid Data Sheet
SDS-111	Portable Extinguisher Data Sheet
SDS-112	Eye Bath Data Sheet
SDS-113	Breathing Air Recharge Unit Data Sheet
SDS-114	Personnel Basket Data Sheet
SDS-115	Medical Basket Data Sheet
SDS-116	Safety Station Cabinet Data Sheet
SDS-117	Safety Shower/Eye Bath (outdoor) Data Sheet
SDS-118	Lifeboat and Davit Data Sheet

NORSOK S-011 Rev. 2 Aug. 1999	LIFERAFT AND DAVIT DATA SHEET	Made by	
		Checked by	
		Date	
		Data sheet	SDS-100

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Tag no.	_____	Location/module	_____
Unit	_____	No. req'd	_____
Service	_____	Inquiry no.	_____
Size & type	_____	Quote no.	_____
Supplier	_____	P.O. no.	_____
Manufacturer	_____	Job no.	_____
Model	_____	Serial no.	_____

1 SERVICE CONDITIONS	
2 Blast pressure resistance	: _____
3 Electrical area hazard	: Zone 1 Gas/temp class : IIA/T3
4	: _____
5	: _____
6 PERFORMANCE REQUIREMENTS	
7 Design standard	: SOLAS 1983, NMD approved
8 Capacity, no. of persons	: 20
9 Marking of liferafts	: _____
10	: _____
11	: _____
12 WEIGHT AND DIMENSIONS	
13 Container dimensions (length x diameter)	m : _____
14 Weight raft	kg : _____
15	: _____
16	: _____
17 WINCH:	
18 Equip. No.	: _____
19 Supplier/Type	: _____
20 Hoisting capacity	Kg: _____
21 Hoisting height	m: _____
22 Hoisting speed with max. load	m/s: _____
23 Lowering speed	m/s: _____
24 Drum details	: _____
25 WIRE ROPE AND HOOK	
26 Diameter	mm: _____
27 Core material	: _____
28 Wire material	: _____
29 Tensile strength	Kg/mm2: _____
30 Total breaking load	Kn: _____
31 Wire length	
32 No. of falls	: _____
33 NOTES	
34	_____
35	_____
36	_____
37	_____
38	_____
39	_____
40	_____
41	_____
42	_____
43	_____
44	_____
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NORSOK S-011 Rev.2 Apr. 1999	FIREWATER MONITORS DATA SHEET	Made by	
		Checked by	
		Date	
		Data Sheet	SDS-101

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Tag no.	Location/module		
Unit	No. req'd		
Service	Inquiry no.		
Size & type	Quote no.		
Supplier	P.O. no.		
Manufacturer	Job no.		
Model	Serial no.		

SECONDARY MANUFACTURER DATA				
Part	Manufacturer	Type	Model	Serial No
Nozzle				
AFFF Prop.				
1 FLUID DATA				
2 AFFF:		:		
3 Temperature		°C :		
4 Viscosity at T & P		cP :		
5 Density at T & P		kg/m³ :		
6 Specific gravity 15.6/15.6		°C :		
7		:		
8				
9 PERFORMANCE REQUIREMENTS				
10 Firewater:				
11 Available inlet pressure (design cond	barg	:		
12 Min inlet pressure	barg	:		
13 Max inlet pressure	barg	:		
14 Design flow per outlet	m³/h	:		
15 Inlet flange size		:		
16		:		
17		:		
18 AFFF:		:		
19 Design pressure	barg	:		
20 Design flow	m³/h	:		
21 Differential pressure req.		:		
22 Inlet flange		:		
23		:		
24		:		
25 NOTES:				
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NORSOK S-011 Rev.2. Apr. 1999	FIREWATER MONITORS DATA SHEET	Made by	
		Checked by	
		Date	
		Data sheet	SDS-101

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42 PERFORMANCE REQUIREMENTS (CONT.)	
43 Monitor:	
44 Throw at min inlet pressure	m :
45 Rotation in degrees	:
46 Vertical movement	:
47 Lockable in any direction	:
48 Remote release	:
49 Self oscillating with adjustable setting degrees:	
50 Colour	: Red (RAL 3002)
51	:
52 Nozzle:	:
53 Type	:
54 Connection	:
55 Spray angle	:
56	:
57	:
58 AFFF proportioner:	
59 Proportion	% :
60 Proportioning tolerance	:
61 Differential pressure req.	:
62	:
63	:
64 WEIGHT AND DIMENSIONS	
65 Monitor	:
66 Nozzle	:
67 AFFF proportioner	:
68	:
69	:
70 MATERIALS	
71 Monitor	:
72 Nozzle	:
73 AFFF proportioner	:
74 Paint coatings	:
75	:
76 NOTES:	
77	
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NORSOK S-011 Rev. 2, Apr. 1999	FIREWATER HOSEREELS W/NOZZLE DATA SHEET	Made by	
		Checked by	
		Date	
		Data Sheet	SDS-102

Package no.	Doc. no.	Rev.	Page 1 of 1
Tag no.	Location/module		
Unit	No. req'd		
Service	Inquiry no.		
Size & type	Quote no.		
Supplier	P.O. no.		
Manufacturer	Job no.		
Model	Serial no.		

1 SERVICE CONDITIONS	
2 Ambient temperature min/max	°C :
3 Relative humidity	% :
4 Environment	:
5 Indoor/outdoor	:
6 PERFORMANCE REQUIREMENTS	
7 Available inlet pressure (design conditions)	barg :
8 Design temperature F.W	°C :
9 Design pressure	barg :
10 Min. Inlet pressure	barg :
11 Max. inlet pressure	barg :
12 Design flow per outlet	m³/h :
13 Inlet flange size	:
14 Hose length	m :
15 Throw length at min. inlet press.	m :
16 Throw length at available inlet pressure	m :
17 Nozzle inlet pressure	barg :
18 Spray angle	° :
19 Cabinet	: Red (RAL 3002)
20 Winterization heater	:
21 Heater type	:
22 Heater rating	:
23 Heater maximum temperature	°C :
24 Hinge details	:
25 Protection degree	IP :
26	:
27 WEIGHT AND DIMENSIONS	
28 Hose reel weight	kg :
29 Hose reel dimension (WxHxL)	m :
30 Hose diameter	m :
31 Support frame dim's (WxHxL)	m :
32 Cabinet dimensions (WxHxL)	m :
33	:
34 MATERIALS	
35 Hose	:
36 Nozzle	:
37 Cabinet	:
38 Support frame	:
39 Isolation valve	:
40	:
41 LIFTING	
42 No. of lifting lugs support frame	:
43	:
44 NOTES:	
45	
46	
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NORSOK S-011 Rev. 2, Apr. 1999	EVACUATION CHUTE DATA SHEET	Made by	
		Checked by	
		Date	
		Data Sheet	SDS-103

Package no.	Doc. no.	Rev.	Page 1 of 1
Tag no.	Location/module		
Unit	No. req'd		
Service	Inquiry no.		
Size & type	Quote no.		
Supplier	P.O. no.		
Manufacturer	Job no.		
Model	Serial no.		

1 SERVICE CONDITIONS	
2 Electrical area hazard	: Zone 1 Gas/temp class : IIA/T3
3 Location open/exposed	:
4 PERFORMANCE REQUIREMENTS	
5 Special project requirements	:
6 Design standard - chute	:
7 Design standard - collection raft	: SOLAS 1983/NMD Approved
8 Design standard - container	:
9 Chute dimensions	Length x Dia :
10 Container dimensions	LxWxH :
11 Lowering height	m :
12 No. of persons/capacity collection raft	: 25
13 Weight (package)	kg :
14 Electrical power supply	:
15	:
16	:
17 MATERIALS	
18 Chute	:
19 Collection raft	:
20 Container	:
21 Painting	: Yellow outside (RAL 1023) , White inside (RAL 9016).
22	:
23	:
24 NOTES:	
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NORSOK S-011 Rev. 2, Apr. 1999	FIREWATER HYDRANT DATA SHEET	Made by	
		Checked by	
		Date	
		Data Sheet	SDS-104

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Tag no.	Location/module		
Unit	No. req'd		
Service	Inquiry no.		
Size & type	Quote no.		
Supplier	P.O. no.		
Manufacturer	Job no.		
Model	Serial no.		

SECONDARY MANUFACTURER DATA				
Part	Manufacturer	Type	Model	Serial no
Hydrant valve				
Hose				
Hose coupling				
Nozzle				
AFFF proportioner				
N2 press. system				
1 SERVICE CONDITIONS				
2 Zone	: Zone 1		Gas/temp. class :IIA/T3	
3 Explosion protection	:			
4	:			
5	:			
6 FLUID DATA				
7 AFFF:				
8 Temperature	°C :			
9 Viscosity at T & P	cP :			
10 Density at T & P	kg/m³ :			
11 Specific gravity 15.6/15.6	°C :			
12 Available inlet pressure (design conditions)	barg :			
13	:			
14	:			
15 PERFORMANCE REQUIREMENTS				
16 Firewater:				
17 Available inlet pressure (design conditions)	barg :			
18 Min inlet pressure	barg :			
19 Max inlet pressure	barg :			
20 Design flow per outlet	m³/h :			
21 Inlet flange size	:			
22	:			
23	:			
24	:			
25 Hose (Common for FW/AFFF):				
26 Hose length	m :			
27 Number off	:			
28 Throw length at min. inlet press.	m :			
29 Hose size	mm :			
30 Nozzle inlet pressure	barg :			
31 Hydrant/hose/nozzle	:			
32	:			
33	:			
34	:			
35 AFFF:				
36 Design pressure	barg :			
37 Design flow	m³/h :			
38 Inlet flange	:			
39	:			

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40 PERFORMANCE REQUIREMENTS (CONT)	
41 Hydrant valve:	
42 Turning direction for closing	:
43 Operating direction marked	:
44 Colour	: Red (RAL 3002)
45 Nozzle:	
46 Spray angle	:
47	:
48 AFFF proportioner:	
49 Differential pressure req.	
50 Proportion	% :
51 Proportioning tolerance	:
52	:
53 Nitrogen pressurisation system	
54 Number of cylinders	:
55	:
56 Cabinet:	
57 Type	:
58 Winterization heater fitted	:
59 Heater type	:
60 Heater rating	:
61 Heater max. temperature	°C
62 Door lock details	:
63 Hinge details	:
64 Hose cradle material	:
65 Hose cradle pivots	:
66 Protection degree	IP :
67 Colour	: Red (RAL 3002)
68 WEIGHT AND DIMENSIONS	
69 Hydrant valve	:
70 Hose	:
71 Hose coupling	:
72 Nozzle	:
73 Manifold	:
74 AFFF proportioner	:
75 Cabinet (LxWxH)	:
76	:
77 MATERIALS	
78 Hydrant valve	:
79 Hose	:
80 Hose coupling	:
81 Nozzle	:
82 Manifold	:
83 AFFF proportioner	:
84 Cabinet	:
85	:
86 NOTES:	
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