



VIKING Offshore

VIKING SES 2A Offshore Evacuation System

Welcome to the VIKING advantage

Comprehensive Offshore Solutions

VIKING is an innovator in life-saving equipment for a wide range of offshore installations. Our in depth knowledge of the offshore industry ensures optimal solutions – from putting together total packages for new buildings, producing custom designed evacuation systems, supplying the right combination of personal protective equipment, as well as professional and convenient servicing and replacement.

- Unique chute based evacuation systems
- First class liferafts in a wide range of sizes
- Extensive line of personal protective equipment
- State of the art stair based embarkation systems
- Total servicing packages

SES - chute based evacuation systems

VIKING's advanced evacuation systems for offshore rescue are second to none. Designed specifically to increase personal safety, our chute-based evacuation systems ensure protection against exposure to the elements and a quick, easy, controlled and safe descent to sea level.

We have several compact chute based evacuation systems for all types of offshore installations whether fixed or floating. All systems offer exceptional stability and are trusted by people worldwide. Our quality management system is certified in accordance with ISO 9001.

When you choose VIKING life-saving equipment you choose a sound long term investment.



VIKING LIFE-SAVING EQUIPMENT A/S
(Headquarters)
Saedding Ringvej 13
DK-6710 Esbjerg V
Denmark
Tel: +45 76 11 81 00, Fax: +45 76 11 81 01
e-mail: viking@viking-life.com

VIKING LIFE-SAVING EQUIPMENT Norway AS
Idrettsveien
Straume Næringspark
NO-5353 Straume (Bergen)
Norway
Tel: +47-815-00-325, Fax: +47-56-32 61 10
e-mail: bergen@viking-life.com

VIKING LIFE-SAVING EQUIPMENT Norway AS
Oluf Onsumsvei 11
NO-0680 Oslo
Norway
Tel: +47-815-00-325
Fax: +47-22-64 62 61
e-mail: viking-n@viking-life.com



VIKING SES 2A

Launching:



Special features:

SES 2A is a unique high transfer capacity system with an evacuation height of up to 50 metres specially designed for offshore installations. It comes complete with integrated liferafts stored inside the container, a fire retardant chute and a blast proof container. It offers controlled launching and recovery intertemperatures from -20° to +65° C and can evacuate up to 140 persons within 10 minutes. SES 2A has a type approval and consists of the following components:

Components	Material / Type	Dimensions (L x W x H)	Weight
Container	Carbon steel	4200 x 2200/4400 x 2900 mm	
Evacuation Chute	Kevlar stainless steel rings	1200 x 1200 x 26 mm/cell (folded)	7 kg/meter
Release System	Controlled speed		
Boarding Platform	Natural rubber		
Inflatable Liferafts B-pack (number and sizes vary according to total required capacity of system)	Natural rubber	12 pers. 16 pers. 20 pers. 25 pers. 35 pers.	100 kg each incl. container 124 kg each incl. container 140 kg each incl. container 165 kg each incl. container 264 kg each incl. container
Stabilising Weight (incl. raft racks)	Carbon steel	3930 x 2000 x 120mm	800 kg
Total system weight incl. 4 x 25 pers rafts			Approx. 8500 kg

Blast Proof Container

The container is the structural interface to the platform deck. It protects the evacuation chute against all types of weather and consists of a load bearing welded frame for bolting onto a foundation in the deck structure. The SES 2A is normally cantilevered out from the deck edge.

Fire Retardant Evacuation Chute

The evacuation chute provides a simple, safe and reliable method of transferring evacuees from deck levels down to sea level. It is divided into cells with speed retarding slides running at opposing angles in a zigzag effect. Openings in the chute located behind each retarding slide provide easy entry and exit at any level.

The speed retarding slides also permit evacuees wearing lifejackets, survival suits, breathing apparatus and even stretchers to pass safely through the chute. The length of the chute is calculated to allow for side motion and sea current.

Release System

SES 2A offers controlled launching using gravity, controlled by a constant speed winch. An electrical motor enables recovery of the system when dry.

All specifications are subject to alteration without notice

Boarding Platform

The boarding platform inflates automatically and acts as sea reference point where evacuees can await dry transfer to the integrated liferafts or fast rescue crafts.

Liferafts

The system comes complete with liferafts that are stored inside the blast proof container and accessed via the boarding platform when in use. All liferafts have at least two individual compartments, each with sufficient buoyancy to keep the liferaft afloat with maximum load.

Stabilising Weight

The stabilising weight is attached to 3 winchwires at the base of the chute and sits below waterline when deployed. It keeps the escape passage / chute taut and reduces side motion from wind and sea current.

This unit must be serviced annually.