



VIKING Offshore

VIKING SES 2B 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

WHEN IT COMES TO
safety
— THINK VIKING.™

VIKING SES 2B

Container – outside



Container – inside



Container – deployment



Special features:

SES 2B is a top of the line high transfer capacity system specially designed for offshore installations with evacuation heights for standard version up to 40 metres. The system comes complete with a fire retardant chute and integrated liferafts safely stored outside the container. It offers controlled launching and recovery in temperatures from -20° to 65° C and can evacuate up to 140 persons within 10 minutes. SES 2B has a type approval and consists of the following components:

Components	Material / Type	Dimensions (L x W x H)	Weight
Container	Carbon steel	3930 x 2460 x 2950 mm	
Evacuation Chute	Kevlar Nomex stainless steel rings	1500 x 1000 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. 3500 kg

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 foundation is integrated into the deck structure, either in-deck mounted or 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.

All specifications are subject to alteration without notice

Release System

SES 2B is deployed by gravity, controlled by a constant speed winch. An electric motor enables recovery of the system when dry.

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 outside the 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 the chute's vertical stabilising wires 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.