



Certificate of Approval

Authorizing a Service Supplier engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear

No. ITB0/EOZ/20241104091938

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions
Délivrée dans le cadre des Conditions Générales de la Marine & Offshore du Bureau Veritas

Company:

SAK DENIZ ENDUSTRISI VE TICARET LIMITED SIRKETI

Company address*:

FATİH MAH. FATİH CAD. NO:49/A
TAVSANLI BELDESI ALTINOVA YALOVA
Türkiye

Scope of the approval:

Maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear as per the list included in the attached Schedule of Approval

This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Company's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533 and of IMO Resolution MSC.402(96).

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Approval.

The Certificate is valid until**: 18 November 2027

Completion date of the assessment on which this certificate based: 18 November 2024

At: ISTANBUL on 18 November 2024

Bureau Veritas Surveyor's signature :

**BUREAU VERITAS
MARINE & OFFSHORE**

E. OZBEK



By Order of the Secretary

* Refer to the appendix for the list of subsidiaries covered by this certificate

** Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.

La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

SCHEDULE OF THE APPROVAL**1-List of equipment : Makes and Types/Models**

Equipment	Make	Type/Model	Manufacturer's Licence/Recognition N° (if applicable)
Partially enclosed lifeboat, twin fall, Totally enclosed lifeboat, twin fall with sprinkler and air system,	ACEBI	PELB-series PELB-series, TELB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	AMBAR MARINE	AM420-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	AVON	RB-series, SR-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system, Rescue Boat, single fall,	BALDEN	BD-FFC-series, BD-FFTseries BD-LB-series BD-LB-series BD - series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall,	BIANCHI & CHECCHI	PE-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, single fall,	BROOKER	CA-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	CASTOLDI S.R.L.	JET TENDER 18 RB-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Rescue Boat, single fall,	DAFER (NARWHAL)	FRB-series FRB 700-series, FRB 900-series, SV- series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	DELTA	COMET-series, PHANTOM-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	DSB DEUTSCHE SCHLAUCHBOOTE	IRB-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	DSB ENGINEERING CO LTD	DSBP-series DSBRB-series, DSBRFAseries, DSBFC-series, DSBFFseries DSBC-series DSBF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall, Totally enclosed lifeboat, freefall,	ERNST HATECKE GMBH	FRB-series, RB-series GFF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	FASSMER	FRR-series, FR(I)B-series, FRB-series, RR-series CL-P-series, PLL-series, PLT-series, SEL-series, PLseries, SEL-T-series, SEL-Rseries FRIR-series, RR-series, RBseries, MOB-series CFL-series, GAR-series, GAR-T-series, CFL-C FFBseries, CFL-C 66E series	ISO/ PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

		CL-series, CLR-series, CLXseries, GMR-series, CFL series, DRAGON- series, CLR-C-series, CL-C-series, GAR-series CL-series, CLR-series, CLXseries, DRAGON-series, TGMR-series, GAR- series, CFL-series, TGMR-series, CLR- T-series, CL-T-series	
Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	FASSMER MARLAND	RR-series CFL-C-series, CFL-T-series DRAGON C-series, HH-Cseries DRAGON F-series, HH-Tseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall,	FR. FASSMER GMBH	GAR-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	GEPA	G-FRB-series G-FYK-series, G-F3YKseries, G-F3YK- T-series, GF-series G-FFF-series, G-FF-series, G-FFF-FP- series, G-F3Kseries, G-F4K-series, GF6K-series, G-F8K-series G-FK-series, G-F3K-series, G-F3K-FP- series, G-F4Kseries, G-F6K-series, GF8K-series G-F3K-FP-series, G-F4KFP-series, G- F6K-FP-series, G-F8K-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	GREBEN	PEL-series RB-series, BR-series FFL-series, FLL-series TEL-series TEL-FP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Fast Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	HARDING (UMOE SCHAT HARDING)	CTL-series, ML-series, MPC-series MOB 4.5A-series, MOBseries, RRB- series NPDS-series FF-series, KISS 800-series, LBF-series MCF-series, MCM-series, MCB-series, LBT-series MCB-series, MCM-series, MC-series, MCR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall,	HARDING (WATERCRAFT)	MOB-series, MOBACseries, PELB- series, PERBseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with sprinkler and air system, Open lifeboat, twin fall,		WFF-series MK 1-series, MK 2-series, MK 3- series, MK 4-series, MK 5-series MK-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system,	HARDING BOAT BUILDING (QINGDAO) CO., LTD.	TECB-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall, Fast Rescue Boat, single fall, Totally enclosed lifeboat, twin fall with sprinkler and air system,	HATECKE (ERNST HATECKE)	PEL-series, PL-series FRB-series, RB-series, LBseries, GSL- series GFF-series, FFB-series, FFseries, F series GLS-series, GF-series, GSLseries, PEL- series, PLseries, GFF-series, GSA Rseries FRB-series GSL-series, PL-series, GFFseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	HLB (HYUNDAI LIFEBOATS)	HDFR-series, HDF-series HDL-series, HD-HD-series HDR-series, HDF-series, FFseries HDFN-F-series, HDFN-Tseries, HDFL- series, FFseries HDL-series, HLB-series, HT78- series, HD-series, HDF-series, HDFL-series, R- series HDL-series, HLB-series, HGD-series, HDFL-series, HD-series, R-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	HOEI SENPAKU CO, LTD	HS-series HS650F-series, HSF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall,	HYUNDAI LIFEBOATS CO. LTD	HDFL740F-series, HDFseries	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall,	IHI CRAFT CO.	GTC-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system, Totally enclosed lifeboat, freefall, Rescue Boat, single fall,	IHI MARINE UNITED INC	G-series GTC-series, GTC-C-series, GTR-series GT-F-series, GTC-F-series, GTRF- series, GTR-series MU-FF/FN-series MU-GJ-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall, Totally enclosed lifeboat, freefall, Rescue Boat, single fall,	ISHIHARA DOCKYARD CO.	G-series, ML-series, F-series G-series, ML-series, F-series G-series, ML-series, F-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat,	JAPAN MARINE UNITED CORP	GF-series, GTR-series, GTC-series, MU-FN-series GTR-series, GF-series,	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

twin fall with sprinkler and air system, Totally enclosed lifeboat, freefall, Open lifeboat, twin fall, Rescue Boat, single fall,		GTC-series MU-FF-series S-series, G-series MU-GJ-series	Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	JIANGSU JIAOYAN MARINE EQUIPMENT	GJ-series, GJF-series, GZseries, FRP- series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	CO., LTD (JIANGYIN XINJIANG F.R.P. CO. LTD)	GJ-series JY-FF-series, JY-FN-series, JYMFF- series, GJ-series, JYM-FN-series, JY- series, FN-series, FW-series, JYNFN- series, JYM-FF-series, SY-FN-series, FRP-series, JYM-series, JY-FF-series JY-QFN-series, JY- QFPseries, JY- series, JY-QFseries, GJ-series, JY-FFseries, JY-QFN-series, JYMseries, JY- FN-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall,	JIANGYIN NEPTUNE MARINE APPLIANCE CO., LTD.	NPT-C-series, SC-series, NPT-series NPT-F-series, NPT-series, SC-series NPT-P-series, NPT-PTseries, NPT- series NPT-R-series, NPT- RAseries, NPTRB- series, NPT-RFA-series, NPT-series NPT-FA-series, NPT- FCseries, NPT- FCA-series, NPT-FF-series, NPT-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, freefall, Rescue Boat, single fall, Totally enclosed lifeboat, twin fall with sprinkler and air system, Fast Rescue Boat, single fall, Partially enclosed lifeboat, twin fall,	JIANGYIN NORSAFE	JYN-series, GES-series GES-series, JYF-series MATRIX-series, MIDGETseries JYN-series, GES-series MERLIN-series, FRB-series MATHILDA-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system, Fast Rescue Boat, single fall,	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYK-series JYP-series JYDR-series, JYKR-series, JY-series JYCF-series, JYFF-series, JY-series, JY65-series JYC-series, JYCA-series, JY-series JYF-series, JYFA-series, JYseries JY-series, JY65-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Rescue Boat, single fall, Totally enclosed lifeboat, freefall,	JIANGYIN XINJIANG	GJ-series, GJ- B-series JY-FN-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Open lifeboat, twin fall, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	JIANGYINSHI BEIHAI	JYB-G-series, JYB-Q-series JYB-K-series JYB-B-series JY-BR-series, JYB- KRseries, SCK- series, SC-KRseries, SC-series, LSAsseries, SC45K-series JYB-FC-series, JYB- FFseries, JYB- series, JYMseries JYB-C-series, JYB-series JYB-F-series, JYB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	MARE SAFETY	RB-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Rescue Boat, single fall,	MARITME PARTNER	"ALUSAFE 1200 DC-series, ALUSAFE 700-series, ALUSAFEseries, ALUSAFE twinseries, ALUSAFE 900- series, SEA BEAR 23-series, WEEDO 17 SOLASseries, WEEDO 600- series, WEEDO 700-series, WEEDO-series, MP-series, SEABEAR-series, SPRINGER-series" SPRINGER-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall,	MARITME PARTNER (HUKKELBERG BOATS)	SPRINGER-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with sprinkler and air system, Totally enclosed lifeboat, freefall, Rescue Boat, single fall,	MONTMONTAZA GREBEN	TEL-series FFL-series, FFL-P-series RB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall, Totally enclosed lifeboat, single fall, Totally enclosed lifeboat, twin fall with sprinkler and air system,	MULDER EN RIJKE	PELB-series, PTL-series TELB-S-series TELB-scrics	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	NARWHAL	SV-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall,	NARWHAL (DAFER)	SV-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall, Totally enclosed lifeboat, twin fall with sprinkler and air system,	NED-DECK MARINE (PALFINGER)	NMD 4.40 RESCUE-series NPT-series, PN85F-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Open lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZRA-series, YZRB-series BJ-series BJ-series, YZ-series YZFC-series, YZFF-series YZC-series YZF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

air system,			
Totally enclosed lifeboat, twin fall with air system,	NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	NM-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Rescue Boat, single fall, Open lifeboat, twin fall, Partially enclosed lifeboat, twin fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	NISHI-F CO., LTD. (EX. ISHIHARA DOCKYARD, NISHINIPPON)	FRP-series G-series, ML-series, F-series NF-series, NFA-series PML-series FF-series, G-series, MLseries, F-series CML-series, EML-series, GTR-series, G-series, MLseries, F-series CML-series, EML-series, GFR-series, G-series, MLseries, F-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall, Fast Rescue Boat, single fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with sprinkler and air system, Totally enclosed lifeboat,	NOREQ	LBP-series FRB-series RRB-series LBF-series LBT-series, LBF-series LBT-series, MIRIAM-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall,	NORMAR	FRC-series RESCUE-series, GRP-series, FRC-series, 4.25RESCUEseries, 5.25RESCUE-series JY-FF-series, FF-series, 4.9 T-series, 5.8-T-series, 8.5Cseries, JY-FF 4.9 TO 8.5Tseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall, Totally enclosed lifeboat, twin fall, Totally enclosed lifeboat, twin fall with sprinkler and air system, Totally enclosed lifeboat, freefall, Fast Rescue Boat, single fall, Partially enclosed lifeboat, twin fall, Open lifeboat, twin fall,	NORSAFE	MIDGET-series, MATRIX NDC-series JYN-series, GES-series, TELB-series JYN-series, GES-series, MATHILDA-series, MIRIAM-series, MAUDseries, MAGGIE-series, MIDGET-series GES-series, GLS-series, MK-series MERLIN-series, MAKOseries, MAGNUM-series, MIDGET-series MINIMA-series JYN-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	OY FISKARS AB	TELB-series TELB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall,	PALFINGER	FRSQ-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,		TL-series, MPC-series, NPTT-series RSQ-series, RRB-series FF-series, NPT-FC-series, NPTFF-series, LBF-series KISS-C-series, NPT-Fseries, MCB-series KISS-T-series, NPT-Cseries, MCB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	PALFINGER MARINE SERVICE	HARDING/MOB L-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system, Fast Rescue Boat, single fall,	PESBO S.A	BSL-series BSC-series, BSL-series BSC-series BR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BH-HR7-series, FRB-series, BH-series BH10-series, BH-series BH-R-series, BH-series, BHF-series BH F series, BH series, BOseries, BH- 7B-series BH-series BH-series, BH-F-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with sprinkler and air system, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, freefall, Rescue Boat, single fall, Partially enclosed lifeboat, twin fall, Fast Rescue Boat, single fall, Totally enclosed lifeboat, twin fall,	SCHAT HARDING	TECB-series, KISS-series, MCB-series MCD-series, KISS-series, MCB-series FF-series MOB-series MPC-series FRB-series MCB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall,	SCHAT WATERCRAFT (PALFINGER)	NS-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with sprinkler and air system, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, freefall, Rescue Boat, single fall, Fast Rescue Boat, single fall, Open lifeboat, twin fall, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat,	SEKIGAHARA SEISAKUSHO LTD.	SH-series, SFB-series, SHSseries, STS-series, SSSseries SH-series, SFB-series, SHSseries, STS-series, SSSseries SFS-series, SFA-series, SFB-series, SFC-series, SFD-series SJS-series, SJR-series FRP-series SZGM-series, SZGO-series, OPEN-series SZP-series, SZPR-series SZRS-series, VOX46-series,	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,		SZ-series, VOX-series, BOX-series FEL-series, SZ-series, GARS-series SZBR-series, SZ-series, FEL-series, GARS-series SZBR-series, SZ-series, FEL-series, GARS-series	
Fast Rescue Boat, single fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system,	STOCZNIA USTKA SP. Z O.O.	FRB-series R-series, RIB-series FFB-series Z-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system, Rescue Boat, single fall,	SURVITEC	FF-series SC-series SC-series HD720I-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Totally enclosed lifeboat, single fall,	SURVIVAL SYSTEMS INT	FRB-series CA-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system,	TSUNEISHI	TL-TE-series, KL-series, TL-TE-series, TL-FP-series	ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	TSUNEISHI (KAMBARA RINGYO)	KL-TE-series, KL-series, TL-TE-series, TL-FP-series KL-FP-series, KL-series, TL-FP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	TSUNEISHI (SANYO WORKS)	TE-series FP-series, KL-series, TL- FPseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, freefall,	VANGUARD (NANTONG)	VG-series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Rescue Boat, single fall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	VANGUARDE	VG-FRK-series, VG- FRWseries VG-DRS-series, VG- KRseries, VG- series VG-C-series, VG-FC-series VG-F-series, VG-HLBseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Partially enclosed lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	VIKING (NORSAFE)	MAGNUM-series, MAKOseries, MERLIN-series MINIMA-series, LB-series MAKO-series, MERLINseries, MIDGET- series, GRP-series, 470-series, RBseries, NARWHAL-series, MOB-series, 420-series, 470GRP-series, VALIANTseries JYN-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

		JYN-C-series, MAGGIE-C-series, MATILDA-C-series, MAUD-C-series, MAXIMAC-series, MIRAM -C-series JYN-T-series, MAGGIE-Tseries, MATILDA-T-series, MAUD-T-series, MAXIMAT-series, MIRAMT-series, MCB-series	
Rescue Boat, single fall, Totally enclosed lifeboat, freefall,	VIKING (NORSAFE) (JIANGYIN)	MATRIX-series GES-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall,	VIKING NEUVISA	RR-40-series	ISO / PAS 23678 (* See Note)
Rescue Boat, single fall, Totally enclosed lifeboat, twin fall,	WATERCRAFT (WATERCRAFT HELLAS)	4.9M-RB-series MKV-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, twin fall with air system,	WATERCRAFT INTERNATIONAL	MK II-series	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall, Totally enclosed lifeboat, twin fall with sprinkler and air system,	WATERMAN OY	365-series, 367-series, 391-series, 393-series 351-series, 366-series, 366HRLseries, 368-series, 371-series, 371HR-series, 377-series, 379-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboat, single fall,	WHITTAKER	CA-series	ISO / PAS 23678 (* See Note)
Open lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system, Fast Rescue Boat, single fall,	WUXI HAIHONG BOAT MAKING CO., LTD	BH-series, BJ-series JG-series, GJ-series HH-FC-series, HH-FFseries, HH-series HH-C-series, HH-CS-series, HH-series HH-T-series, HH-TS-series, HH-series GJ-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Open lifeboat, twin fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	WUXI WENJIAO	WJ-RA-series, WJ-RB-series BH-series, BJ-series, WJseries WJ-series WJFF-series, WJFFC-series WJBC-series WJBF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat, single fall, Rescue Boat, single fall, Totally enclosed lifeboat, freefall, Totally enclosed lifeboat, twin fall with air system, Totally enclosed lifeboat, twin fall with sprinkler and air system,	ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	YH-FRB-series, YH-series YH-FRA-series, YH-Rseries, YH-series, BH-series YH-series, GES-18-series YH-QFP-series YH-DR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Fast Rescue Boat, single fall, Rescue Boat, single fall,	ZODIAC (SURVITEC)	RIB-series H472S-series, RIBO-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat, single fall,	ZODIAC HURRICANE	H561 PROLUXE-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices for activating release: Free Fall Hydraulic Primary and Secondary, Freefall Hydraulic / mechanical, Rescue boat / Davit Launched Liferaft / Lift over centre automatic, Rescue boat offload lift over center, Fast rescue boat offload / Manual or automatic,	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BD-LH-series BHA-series BHA-series BHR-series BDR-series, BHR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, flat to flat rotating cams, Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	BALDEN	BD-LBH-series BDHR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with diaphragm, Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams, Rescue boat offload lift over center,	BC SERVICE	U HOOK-series U HOOK-series U HOOK-series U HOOK-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	CHANG SHENG	35KN-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	CRANSTON EAGLE	APR-356- CB/CBH-series	ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical,	DAE JIN CO. LTD	THP-1B-series	ISO / PAS 23678 (* See Note)
Lifeboat offload release lift over center,	DAVIT COMPANY	AMS-series	ISO / PAS 23678 (* See Note)
Rescue boat offload lift over center, Freefall Hydraulic / mechanical,	DAVIT INTERNATIONAL	OLH-series, OHL-series ALH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices for activating release: Free Fall Hydraulic Primary and Secondary, Devices For Activating Release: Hydrostatic interlock with float, Freefall Hydraulic / mechanical, Lifeboat on load lift not	FASSMER	"DUPLEX < 6.6T-series, DUPLEX > 6Tseries" FFH-series "DUPLEX < 6.6T-series, DUPLEX > 6Tseries" F-series, GAR-series DUPLEX>6T-series, DUPLEX-series DUPLEX<6.6T-series, DUPLEX-series, FSARseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

over centre, Curve to flat rotating cams, Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams,			
Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	FERRI	1448 TN-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	GEPA	G-K-series ISO	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Rescue boat / Davit Launched Liferaft / Lift over centre automatic, Rescue boat offload lift over center,	GLOBAL DAVIT	HRL-series HRL.26-series, HRL-series HRN-series, HRL-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices For Activating Release: Electronic Sensor, Lifeboat on load lift not over centre, up and down pins / collars,	GREBEN	NLH-series NLH-series NLH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams,	HARDING (UMO SCHAT HARDING) (PALFINGER)	LHR-series, LHR M2-series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary, Fast rescue boat offload / Manual or automatic, Freefall Hydraulic / mechanical, Rescue boat / Davit Launched Liferaft / Lift over centre automatic, Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with diaphragm,	HARDING (UMOE SCIAT HARDING)	FFH-series CAR-35F-series, CARseries, CAR-35- series FFH-series ARH 23-series, ARH-series LHR-series, LHR M2-series, LHR9M2- series LHR-series, LHR M2-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Release: Central Release Unit, Devices for activating release: Free Fall Hydraulic Primary and Secondary, Devices For Activating Release: Hydrostatic interlock with float, Fast Rescue Boat Offload with On-Load Capability, Freefall Hydraulic / mechanical, Lifeboat on load lift not over centre, Curve to flat rotating cams, Lifeboat on load lift over centre,	HATECKE (ERNST HATECKE)	"DUPLEX < 6T-series, DUPLEX > 6Tseries" GFF-series "DUPLEX < 6T-series, DUPLEX > 6Tseries" SIMPLEX 1,85-series, SIMPLEX-series, SIMPLEX 2,0-series GFF-series, F-series, FFseries DUPLEX>6T-series Raft I-series DUPLEX-series SIMPLEX -series, OFFLOAD-series, DUPLEX-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams, Rescue boat offload lift over center,			
Fast rescue boat offload / Manual or automatic, Rescue boat offload, Rescue Boat / davit launched life raft automatic,	HENRIKSEN	HCH-series, HMK-series, HMKST- series HMK-series, HCH-series HCH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with diaphragm, Freefall Hydraulic / mechanical, Lifeboat on load lift not over centre, flat to flat rotating cams, Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams,	HLB (HYUNDAI LIFEBOATS)	"TALON MK 1-series, TALON MK 2 - series" "TALON MK 1-series, TALON MK 2 - series, TALON-series" THP-series, TALON-series TALON MK 1-series, BDseries, HD- series, BHseries, BF-series, TALONseries, TALON II-series TALON MK 2-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with diaphragm, Lifeboat on load lift not over centre, Curve to flat rotating cams, Lifeboat on load lift not over centre, flat to flat rotating cams, Lifeboat on load lift not over centre, up and down pins / collars,	HOEI SENPAKU CO, LTD	HS-series, HS520 96-series, HS650 96-series HS-series, HS 520 96-series, HS650 96-series HS520 96-series, HS650 96-series HS-series HS520 83-series, HS650 83-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over center, Curve to flat rotating cams,	IHI CRAFT CO.	MARK-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with diaphragm, Lifeboat on load lift not over centre, up and down pins / collars,	IHI MARINE UNITED INC	JX-1-series JX-1-series JX-1-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue Boat automatic,	INDUSTRIA FERRI	1448 TN-series, 2500-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices for activating release: Free Fall Hydraulic Primary and Secondary, Devices For Activating Release: Hydrostatic interlock with diaphragm, Fast Rescue Boat Offload	JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD	JX-1-series, JX-1B-series, JXN1B- series, JXN-1Cseries JX-2-series JX-1-series, JX-1B-series, JXN1B- series, JXN-1Cseries "JXN-series, JXN-3-series, FF-series, HK-series, JX-series, JX-4-	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

<p>with On-Load Capability, Freefall Hydraulic / mechanical, Lifeboat on load lift not over centre, up and down pins / collars, Lifeboat on load lift not over centre, Lifeboat on load lift not over centre, up and down pins / collars, Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with float, Freefall Hydraulic / mechanical, Lifeboat on load lift not over centre, Curve to flat rotating cams, Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams, Rescuc boat / Davit Launched Liferaft / Lift over centre automatic,</p>		<p>series, JX-2- series" JX-2-series, JX-series, JX-1-series, JX- 3-series, JX-5-series, JXN-3-series JX-1-series, JX-1B-series, JXN1B- series, JXN-1Cseries JXN-series, JX-1-series, JXseries JX-1-series, JXN-series, 3XN-1C, JXNJC-series, JY-series, JXNJY-series NPT-50-series, NPT-HANseries, NPT- HKC-series, PN-HKC-series, PN-HKCseries NPT-50-series, NPT-HANseries, NPTHKC-series, PN-HKCseries NPT 70HKF-series, NPTseries NPT-HK-scrics, NPT 50-series NPT-HKC-series, PN-HKCseries NPT-HK25F-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>Lifeboat on load lift not over center, Flat to flat rotating cams,</p>	<p>JIANGYIN NORSAFE</p>	<p>HK56-series</p>	<p>ISO / PAS 23678 (* See Note)</p>
<p>Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with diaphragm, Fast Rescue Boat Offload with On-Load Capability, Freefall Hydraulic / mechanical, Lifeboat on load lift not over centre, Curve to flat rotating cams, Lifeboat on load lift not over centre, up and down pins / collars,</p>	<p>JIANGYIN WOLONG F.R.P. BOAT CO. LTD.</p>	<p>HK-series, JX-1-series JX-1-series HK-series FHK-series HK-series JX-1-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with diaphragm, Fast Rescue Boat Offload with On-Load Capability, Freefall Hydraulic / mechanical, Davit launched liferaft automatic, Lifeboat on load lift not over centre, Curve to flat rotating cams,</p>	<p>JIANGYINSHI BEIHAI</p>	<p>JYB-HK-series JYB-HK-series JYB-HK-series JYB-HKF-series, JYB-HKseries, JYBHK- series, JYBHKF-series HK-series JYB-HK-series HK56-series JYBHK-series, HK-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>

Lifeboat on load lift over centre, Lifeboat on load lift not over centre, flat to flat rotating cams,			
Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with float, Lifeboat on load lift not over centre, forward or reverse curve to curve rotating cams,	MADROCK	ROCLOC-series ROCLOC-series ROCLOC-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	MANSEI	RH-series, RH3-series	ISO / PAS 23678 (* See Note)
Davit launched liferaft automatic,	MILLS	TITAN-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift over center,	NADIRO	DIB-series, DIB32-series	ISO / PAS 23678 (* See Note)
Fast rescue boat offload,	NAVALIMPIANTI	RH-3000-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic, Rescue Boat automatic,	NED-DECK MARINE	CAR 35-series, CAR-series CAR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Lifeboat on load lift not over centre, Curve to flat rotating cams,	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	HK-series HK-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices for activating release: Free Fall Hydraulic Primary and Secondary, Devices For Activating Release: Hydrostatic interlock with float, Freefall Hydraulic / mechanical, Lifeboat on load lift not over centre, Curve to flat rotating cams, Lifeboat on load lift not over centre, up and down pins / collars,	NISHI-F CO., LTD. (EX. ISHIHARA DOCKYARD, NISHINIPPON	IHM 12-series, IHM 13-series, NS - series F-series, ML-series IHM 12-series, IHM 13-series, NS - series F-series, ML-series, IHIMseries, CML- series, NSseries NS-series, SR-3-series IHM 12-series, IHM 13-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Fast Rescue Boat Offload with On-Load Capability, Free fall hydraulic,	NOREQ	JXN-3-series LBF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over center, Free fall hydraulic, Rescue boat offload, Lifeboat on load lift not over center, Curve to flat rotating cams, Lifeboat on load lift not over center, Flat to flat rotating cams,	NORSAFE	Tor, Tor MK, K4 FM, Tor MK2, 7T-series GES, FF, Sim, NFH series KD, K4-FM, HK series MK-, MK-2, -series CN4495/CN4494-series K4-D, K-4-FM, K4D-series Tor VK2, K4-series Hydraulic series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Fast rescue boat offload, Lifeboat offload release lift over center, Lifeboat onload lift over center,			
Free fall hydraulic,	NPT	HK336-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	OPTIMUN MARINE	31-37KN-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices for activating release: Free Fall Hydraulic Primary and Secondary, Fast rescue boat offload / Manual or automatic, Freefall Hydraulic / mechanical, Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	PALFINGER	NADIRO D.I.B.SERIESseries FFH-series, NPT-series CAR-35F-series, Fast RSQseries, CAR-F-series FFH-series CAR 35-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Freefall Hydraulic / mechanical,	PESBO S.A	BSL-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Lifeboat onload lift not over center, Lifeboat onload lift not over center, Flat to flat rotating cams, Lifeboat onload lift not over center, Up & down pins, Lifeboat onload lift over center, Lifeboat offload release lift over center, Free fall hydraulic, Rescue boat offload, Lifeboat onload lift not over center, Curve to flat rotating cams, Devices For Activating Release: Hydrostatic interlock with diaphragm,	QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.	BG-series BG, BHH, BH, FS-series BG, BHH-series BHH, BG-3-series BG-3, BG-series BG-series, BG-3-series BG-series BG-series BG-3F-series, BG-series BG-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat onload lift not over center, Flat to flat rotating cams, Lifeboat onload lift not over center, Curve to curve rotating cams, Free fall hydraulic, Lifeboat onload lift not over center, Up & down pins, Lifeboat offload release lift over center, Fast rescue boat offload, Rescue Boat automatic, Lifeboat onload lift not over center, Rescue Boat, single fall, Davit launched liferaft automatic,	SCHAT HARDING	FFH-series LHR-series ARH, H86-series 50-85 series H-36-M, FFH-series RH, RRH-series ARH, CAR 35-series KH, LHR9M2-series RRH 25-series ARH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Davit launched liferaft automatic, Lifeboat onload lift over center,	SEZAMOR	HS30-series HS-series, HL-series, HLRseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Davit launched liferaft automatic, Lifeboat onload lift not over center, Up & down pins, Lifeboat onload lift not over center, Flat to flat rotating cams, Lifeboat onload lift not over center,	SHIGI SHIPBUILDING CO.	DUPLEX-series SZK-series, SZ-series SZK-series, SZ-series, SRSeries- SR- series SZK-series, SZ-series, SRSeries- SR- series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Davit launched liferaft automatic, Lifeboat onload lift not over center, Rescue Boat automatic, Lifeboat onload lift not over center,	SURVITEC	SLA-series SLA-series, SAFELAUNCH-series SLA-series, SAFELAUNCH-series SLA-series, SAFELAUNCH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat onload lift over center,	SURVIVAL SYSTEMS INTERNATIONAL	TRIPLE 5LX-series	ISO / PAS 23678 (* See Note)
Lifeboat onload lift not over center,	SURVIVAL SYSTEMS INTERNATIONAL	TFLX-series	ISO / PAS 23678 (* See Note)
Lifeboat onload lift over center, Lifeboat onload lift not over center,	TSUNEISHI FACILITIES & CRAFT	43GS-1-series 43GS-1-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat onload lift not over center, Up & down pins,	VANGUARD	SH-series	ISO / PAS 23678 (* See Note)
Fast rescue boat offload,	VEST DAVIT AS.	Offload TH 5478 series	ISO / PAS 23678 (* See Note)
Devices for activating release: Free Fall Hydraulic Primary and Secondary, Devices For Activating Release: Hydrostatic interlock with diaphragm, Fast rescue boat offload, Rescue Boat offload with on load capability, Freefall Hydraulic / mechanical, Lifeboat on load lift not over centre, flat to flat rotating cams,	VIKING (NORSAFE)	GES-series, HRS-series, NFFH-series TOR MK 1-series, TOR MK 2- series K4-series, VIKING 1,8-series HR-series HRS-series, NFFH-series TOR MK 1-series, TOR MK 2- series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat onload lift over center,	WATERCRAFT	TITAN-series	ISO / PAS 23678 (* See Note)
Devices For Activating Release: Central Release Unit, Devices For Activating Release: Hydrostatic interlock with diaphragm, Lifeboat offload release lift over center, Lifeboat on load lift not over centre, flat to flat rotating cams,	WILLIAM MILLS	TITAN-series TITAN-series EMPRESS-series TITAN-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Lifeboat onload lift over center,	WUXI HAI HONG	HH43, HH65C-series	ISO / PAS 23678 (* See Note)
Lifeboat onload lift not over center, Up & down pins, Lifeboat onload lift not over	WUXI MINGZI MACHINERY	WHK-series WHK-series WHK-series, 150-T 15-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

center, Curve to flat rotating cams, Rescue boat offload, Fast rescue boat offload,		WHK-series, 150-T 15-series, 250 T- series	ISO / PAS 23678 (* See Note)
Fast Rescue Boat Offload with On-Load Capability,	WUXI WENJIAO	HK-series	ISO / PAS 23678 (* See Note)
Rescue boat / Davit Launched Liferaft / Lift over centre automatic,	WUXI XINGSHENG	XS-series	ISO / PAS 23678 (* See Note)
Lifeboat on load lift not over centre, Curve to flat rotating cams, Single drum/gravity lowering/Hydraulic hoisting,	ZHENJIANG MARINE AUXILIARY MACHINERY ABAS	HK-series, HS-series, SHseries, H- series MDE-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads, Single drum/gravity lowering/Hydraulic hoisting, "Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	ACEBI	TBE-series SPG-20-I, RRP-76-RAD-01-series TR-series TBE-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads,	ACOIN	BE-2-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads, Single drum/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads, Single drum, Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,	ACTA	KNT-series KMER-series KMER-series KMER-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk,	ALEXANDER WELIN	AIW-series	ISO / PAS 23678 (* See Note)

eccentric cam / decent brake centrifugal pads,			
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads, Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	BADA HEAVY IND. CO., LTD (EX. DAERYUCK MACHINERY)	BDF-series, BLW-series, BMW-series, BRW-series, BAW-series, FHW- series, HDF-series, PWD-series BDF-series, BLW-series, BMW-series, BRW-series, BAW-series, HDF-series, PWD-series, FHW-series BA-series, BM-series, PWDseries, BWL-series, BWRseries BDTW-series, BMW-series, BW- series, BWR-series, BWL-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads,	BADA HEAVY INDUSTRIES CO. LTD	BDF-series, BLW-series, BMW-series, BRW-series, BAW-series, HDF-series, PWD-series, FHW-series	ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads	DAVIT COMPANY	16 EV-series, SRR-series, FM-series 24EPB-series, FB-series, ARVE-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads, Twin Drum, hydraulic lowering/hydraulic hoisting,	DAVIT INTERNATIONAL	01KN-series, 02KN-series, 03 KN - series, 04KN-series, 06KNseries, 07KN-series, D-BR-series, D-CRMseries, D-BC-series, D-FHseries, D- NPS-series, D-TTseries 06KN-series, D-CRM-series, D-BC- series, D-FH-series, D-TT-series 02-series, 03-series, 04-series, 12- series, 40-series, D-NP-series, D-TT- series, D-FO-series, D-RT-series D-FH-series, D-TF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting	DONGNAM MARINE CRANE CO, LTD.	DSAD-series, DRLD, LHRD, DRDB,	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

<p>lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads, Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads, Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Mechanically operated multiple disks Friction pads,</p>		<p>DSND-series DRBD-series, DRLD-series, DRBLRWseries DHGD, HGW, DLBW, HF38-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads, Twin drums/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,</p>	<p>DONGWOO MACHINERY & ENGINEERING CO., LTD.</p>	<p>LW-series, DBS, DWS, LW, RW-series DWS, DWS-10A, Electric driven series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads,</p>	<p>EO LIFESAVING</p>	<p>W-series</p>	<p>ISO / PAS 23678 (* See Note)</p>
<p>Single drum/gravity lowering/Hydraulic hoisting, Twin drums/gravity lowering/Hydraulic hoisting,</p>	<p>ERNST HATECKE</p>	<p>BBK-series FFA-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake hydraulic pump, Twin Drum, gravity lowering /electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump,</p>	<p>FASSMER</p>	<p>"DEW--FOD80, FPD80, FHD80, FHD175, FSAR 14, FSAR 21-series, FSARR-series" FFWH-series FDW-series, DEW-series FDW-series, DEW-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>Single Drum, hydraulic</p>	<p>FASSMER MARLAND</p>	<p>FFWH-series</p>	<p>ISO / PAS 23678 (* See Note)</p>

lowering/hydraulic hoisting,			
Single Drum, hydraulic lowering/hydraulic hoisting,	FERRI	MMI-series	ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	GLOBAL DAVIT	"01KN-series, 02KN-series, 03KNseries, 04KN-series, 08KN-series, FHS.S- series, W02-series, W04-series, W07- series, W08-series, RMS.L-series, O2E-series, RHS.L-series" W05HC-series, W08HCseries, WS- series W05HC-series up to W20HC	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	GREBEN	HW-series, SAR-series, EW2-series CW-series, EW-series, HWseries, SAR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum, hydraulic lowering/hydraulic hoisting, Twin drums/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,	GURDESAN	GD-FLW-series GD-HC-A-series, GD-PRseries, GD- KHK-series, GD-RRS-series, KHK- series GD-FLW-series, GD-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum, hydraulic lowering/hydraulic hoisting,	HAEAN MACHINERY IND. CO. LTD.	HMI-series HHD-PC-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads, Single Drum gravity lowering hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads, Twin Drum, gravity lowering /electrically	HARDING (UMOE SCHAT HARDING)	16 EBR-series, EW02 PLseries EW8PL HS-series HD-series, MW-series, LWO-series CW-series, W-series, LWOseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump,			
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	HARDING (UMOE SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	08-02-series, FME-series BE-series, LWO-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	HARDING (WATERCRAFT)	MW-series, NW-series, LWO-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting,	HATECKE (ERNST HATECKE)	FFA-series	ISO / PAS 23678 (* See Note)
Twin drums/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads, Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,	HLB	BA, BM, BW, BL, BWEseries BR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting, Single drum, Single drum/gravity lowering/Hydraulic hoisting,	HYDRALIFT	SP-series HL-series SP7-V-2174-2A2 series, 3622 series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,	HYDRAULIK & MACHINENBAU	B-series	ISO / PAS 23678 (* See Note)
Single drum/gravity lowering/Hydraulic hoisting,	HYUNDAI LIFEBOATS CO.	HDF-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads, Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,	IHI MARINE UNITED INC	MUW-series MUW-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w	IKNOW MACHINARY	EB-series	ISO / PAS 23678 (* See Note)

pads,			
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads,	IMT CO., LTD	ILR-W-series	ISO / PAS 23678 (* See Note)
Twin drums/gravity lowering/electric. Hoisting w/holding static brakes/Multiple disks hydraulically operated, Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads,	INI HYDRAULIC	IMB-series, IMC-series, INM-series, IPM-series, ZHP-series IMB-series, IMC-series, INM-series, IPM-series, ZHP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	JAPAN MARINE UNITED CORP.	MU-series	ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum Gravity lowering / hydraulic hoisting, Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads, Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads, Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD	JYRZ-series JYFW-series, JYRZ-series, JYR-series, JYF-series, FWseries, JY-series FW-series JYW-series, JYWP-series, JYWN- series, JY-series NPT-DW-series, NPT-series NPT-DS-series, NPT-DWseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single drum/gravity lowering/Hydraulic hoisting,	JIANGYIN NORSAFE	FHD-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JYD-series	ISO / PAS 23678 (* See Note)

operated multiple disks friction pads / decent brake centrifugal w pads,			
Single drum/gravity lowering/Hydraulic hoisting,	JIANGYIN XINJIANG	JYW70-series	ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	JIANGYINSHI BEIHAI	YZ-series DS-series, DW-series, DZseries, JYBW-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,	JIANGYINSHI BEIHAI LSA CO.	JYB, SM, FA, BHGH170-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	JUNG-A-MARINE CO., LTD	PCRLC-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting,	MACGREGOR (TTS) (HYDRAMARINE)	HMW-series, MAC-series	ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads, Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	MANSEI	M-series, MW-series, ERWseries, MLW-series, RMWseries, SW-series, N-995-series, M-series, MW-series, 06KNseries, FW-series, SW-series M-series, MW-series, AWseries, CMW-series, EWseries, MW-series, EHseries, EELF-series, N-series M-series, MW-series, ABWseries, FBW-series, EIIseries, EELF-series, EWseries, N-716-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads, Single drum/gravity lowering/Hydraulic hoisting,	MIURA MACHINE CO, LTD (MIURA VIDER) (MANSEI)	LBH-series, RBH-series RBH-series, LBH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Single drum/gravity lowering/Hydraulic hoisting,	MONTMONTAZA GREBEN	BREVINI-series	ISO / PAS 23678 (* See Note)
Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Mechanically operated multiple disks Friction pads, Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads,	NAVALIMPIANTI & TECHNIMPIANTI	EW, REW, RBEW, RMWseries EWR, DG-EHW-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads, "Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	NED-DECK MARINE (PALFINGER)	WL, 04.03 E QR, 04.03 Eseries HWCT-series 15-series, SCH 10-5.2R series, SCM- series, 04.03 Eseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads,	NINGBO ASIA FRP BOAT MANUFACTURING CO.	DS, DZ, Z, YZD, D-series	ISO / PAS 23678 (* See Note)
Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,	NINGBO NEW MARINE LIFESAVING EQUIPMENT	NMW-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	NOR DAVIT	SP-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	NOREQ (PALFINGER)	NW-series NW-series, NOREQ-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin drums/gravity lowering/electric. Hoisting/hydraulic pump lowering brakes, Single drum/gravity lowering/Hydraulic hoisting,	NORSAFE	NWE, LH-series, DW-series, HD- series NWE, LH-series, DW-series, HD- series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
"Single drum Gravity	ORIENTAL PRECISION	RDW-series, WL-series,	ISO / PAS 23678 (* See Note)

<p>lowering electric hoisting lifteraft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Single Drum, hydraulic lowering/hydraulic hoisting, Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,</p>		<p>SWE-series, FD-series, OPseries, RD-series, BWEseries WL-series BWE-serles, SWE-series, RDW-series, WL-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>Twin Drum, gravity lowering /electrically hoisting w/holding static brakes, multiple disks, hydraulically operated / decent brake hydraulic pump, Single drum/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads,</p>	<p>PALFINGER</p>	<p>CW-series, W-series, BWFseries N-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>"Single drum Gravity lowering electric hoisting lifteraft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,</p>	<p>PELLEGRINI MARINE EQUIPMENT</p>	<p>RLC series VAS 45 E-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>"Single drum Gravity lowering electric hoisting lifteraft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads, Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads, Twin drums/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads, Single drum/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads, Single drum/gravity</p>	<p>QINGDAO BEIHAI SHIPBUILDING HEAVY INDUSTRY CO. LTD.</p>	<p>BW-SC-series BW-HL-series, BW- HRseries, BW- LL-series BD-series, BW-series BE-series, BW-series, BDseries, YSB- series BE-series, BW-series BE-series, BW-series, BDseries, YSB- series BW-series, LL-series BW-SC-series BHA-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>

<p>lowering/Hydraulic hoisting, Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Mechanically operated multiple disks Friction pads, Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads, Twin drums/gravity lowering/Hydraulic hoisting,</p>			
<p>Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads, Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads, Twin drums/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads,</p>	<p>SCHAT DAVIT COMPANY</p>	<p>BE-series FME-series, MOB-series, PAR21-series BE-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads, Single drum/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads, Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads, Single drum/gravity lowering/Hydraulic hoisting, Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Mechanically operated multiple disks Friction pads, Twin drums/gravity lowering/electric. Hoisting w/holding static brakes/Multiple disks hydraulically operated, Twin drums/gravity lowering/electric. Hoisting/hydraulic pump lowering brakes, Twin drums/gravity lowering/Hydraulic hoisting,</p>	<p>SCHAT HARDING</p>	<p>2, 3 series, BE series BE, W, FME 2.7, WH, FME-series "BE, W120, FME, 08-02, SRR, W120-series" "BE, EWO8, TW, 08-02, WHO2-LD, FME, HD-series" LW-series, TW-series TW-series, BE-series TW-series, BE-series, W80L-series TW-series, BE-series, W80L-series</p>	<p>ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)</p>
<p>Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads,</p>	<p>SEC (SHIPS EQUIPMENT CENTRE)</p>	<p>WL-series</p>	<p>ISO / PAS 23678 (* See Note)</p>

Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	SEKIGAHARA	SNW-series, SWE-series, MSWE- series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting,	SERVO SHIP S.L	FFRW 4500KG-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads,	SHIGI	FW-series, WLT-series	ISO / PAS 23678 (* See Note)
Single Drum Gravity lowering electric hoisting lifeboat / rescue boat / static brake pad, cone, disk, band / decent brake centrifugal pads,	SURVIVAL SYSTEMS INT	W-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads,	TAIZHOU HAIHAO MARINE EQUIPMENT CO, LTD	21KN-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting,	TMA	TN/MW-series	ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	TSUJI HEAVY INDUSTRIES	TC-series, H-series EB-series, ER-series, WLZseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads,	TTS MARINE CRANE AS DAVIT	RL-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting liferaft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads,	ULSTEIN FAMA (FAMA GNIEW)	ER10B-series, ERM-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting,	VERHOEF	FL 50-series	ISO / PAS 23678 (* See Note)
Single drum/gravity lowering/Hydraulic hoisting,	VEST DAVIT	C-series, PL2000-series, CVS-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic	VIKING (NORSAFE)	HYD-FF-series	ISO / PAS 23678 (* See Note)

lowering/hydraulic hoisting, Single Drum, hydraulic lowering/hydraulic hoisting,	(JIANGYIN)	HYD-FF-series	ISO / PAS 23678 (* See Note)
"Single drum Gravity lowering electric hoisting lifteraft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads," Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	WELIN LAMBIE	5619-series, 9502-series, RBW-series 53-series, 55-series, 97- series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,	WUXI DONGWU	DS/Z-series, DZ-series, Wseries	ISO / PAS 23678 (* See Note)
Single drum/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads,	WUXI HUAHAI MARINE EQUIPMENT	HMW-series, HM-series, HMCD-series	ISO / PAS 23678 (* See Note)
Twin Drum, gravity lowering /electrically hoisting w / static brake cone /disk / pads / band / decent brake centrifugal w pads,	YOUNGNAM MACHINERY CO. LDT	YNBW-series	ISO / PAS 23678 (* See Note)
Single drum Gravity lowering electric hoisting lifteraft / rescue boat / static brake pad, cone, disk, eccentric cam / decent brake centrifugal pads,	ZHENJIANG DH MARINE EQUIPMENT CO., LTD	DW-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting, Single drum/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads, Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads, Twin drums/gravity lowering/electric. Hoisting w/holding static brakes with Mechanically operated multiple disks Friction pads, Single drum/gravity lowering/Hydraulic hoisting, Single drum/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads, Twin drums/gravity lowering/electric. Hoisting	ZHENJIANG MARINE AUXILIARY MACHINERY WORKS	SAW30-series HYO-series SAFC-series D, DP, 0482, 63Z-series OW-series BH-series, LE-series DP-series, D-series, D48Zseries D-series, DP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

w/centrifugal brakes with Friction pads, Twin Drum, gravity lowering /electrically hoisting w/holding static brakes with mechanically operated multiple disks friction pads / decent brake centrifugal w pads,			
Single Drum, hydraulic lowering/hydraulic hoisting,	ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	WME-LRH35-series	ISO / PAS 23678 (* See Note)
Single Drum, hydraulic lowering/hydraulic hoisting, Single drum/gravity lowering/electric. Hoisting w/centrifugal brakes with Friction pads, Single drum/gravity lowering/Hydraulic hoisting, Single drum/gravity lowering/electric. Hoisting w/holding static brakes with Friction pads,	ZOLLERN	A2FM45-61A-series, ZHPseries, ZR- series ZR-srics SZK-series ZR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Gravity Roller Track, Single arm Slewing, Free fall hydraulic/el secondary,	A-TECH	RLD-series HD-series RLD-series, HD-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing,	ABAS	KDE-Series, MDE-Series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	ACEBI	TPF-Series A-Series, AF-Series, PFSeries PFR-Series, RRP-Series, TPU-Series TPF-Series, TPU-Series SPG-series, RRP-series, RAD-series GRA-series TPC-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing,	ACoin	R18700-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outrigger, Gravity freefall primary, Single arm Slewing,	ACTA	HSC-series, HTD-series MOB-series DC, MOB, HYO electrically DC-series, DR-series, HSCseries, MOB-series, NDAseries, MDE-series, HYOseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outrigger,	ALEXANDER RYAN	BH-series	ISO / PAS 23678 (* See Note)
Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing,	ARIM	AREH-series, ARPV-series, SKH-series ARPV-series, SKH-series AHA-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity freefall primary,	BADA HEAVY IND. CO., LTD (EX. DAERYUCK	BDF-series, HDFL-series, HDF-series BDF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	MACHINERY)	BDR-series, BLR-series, BDL-series, BHI-series BDA-series, BDFA-series, BFRD series BDTD-series, TT-series, BDA-series, BDFA-series BDH-series, BDMS-series, BDTD- series, BDHP-series, BDM-series, BFOD-series BDTW-series, BDRWseries, BDR- series, BDHseries BDH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outrigger,	BIANCHI & CHECCHI	PE-series, PET-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	BOLIN MACHINERY	BL-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	COASTAL MARINE EQUIPMENT, INC.	D-series	ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outrigger, Single arm Slewing, Hydraulic/el Pivoting & Luffing,	DAVIT COMPANY	FFFDA-series, AMS-series SRR-series, MOB-series, FM-series NOP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Gravity freefall primary, Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	DAVIT INTERNATIONAL	D-FH-series, D-HF-series, D-FN- series, D-FH60- series, D-CRRC-series D-FO-series, D-FOS-series, D-HP- series, D-NP-series "D-CR, D-CRMR, D-CRM, D-RC, D-RF, D-RT, D-FG, D-F, D-BC, D- , D-CRC, DFH, RH20, D-CRM-R, DRCS, D-BR, DBCR- series" D-NPS.FR-series, DNPS. MP-series, D- NPS.SPseries, DTT.SP.-series, DCRRC- series D-FS-series D-FP.R-series, D-TT-series, DTT.SP- series D-NP-series, D-NP.MPseries D-RT-series D-NP-series, D-SP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic,	DENIZSAN	DSFDD-series DRBD-series, DRBLRDseries, DSRBD-series DSFRB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing, Twin Fall Gravity Pivoting / Luffing,	DONGNAM MARINE CRANE CO, LTD.	DCPV-series, DNRD-series, DR-series, DRBLRD-series, DSAC-series, DSAD- series, D-SAD-series, DRBD-series, DNRD-series DHGD-series, DWS-series, HF-series, DCPV, DSAD, DHGD, DHG-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing, Gravity Single & Twin Fall Outrigger,	DONGWOO MACHINERY & ENGINEERING CO., LTD.	DWS-series, DHGD-series, HF-series DBD, DBS-series DWS-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Single arm Slewing,			
Free fall secondary hydraulic A Frame, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing,	DSB ENGINEERING CO LTD	DSBDF-series DSB23DR-series DSBARH-series, DSBDPseries, DSBDR-series DSBDL-series, DSBDTLseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing,	EFFER	65000-5SL-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	EO LIFESAVING	CH-52-series	ISO / PAS 23678 (* See Note)
Free fall hydraulic/el secondary, Gravity freefall primary, Gravity Single & Twin Fall Outtrigger, Single arm Slewing, Gravity Roller Track, Hydraulic/el Pivoting & Luffing, A-frame hydraulic / single arm / Telescopic,	ERNST HATECKE	FFA, FFD, FFB, GFF-series FFB, FFA-series GSPFP, GSP-series RHS.L-series GSPF-series GSPFP, GSP-series DFR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity freefall primary, Single arm Slewing, Twin Fall Gravity Pivoting / Luffing, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering, Gravity Single & Twin Fall Outtrigger, A-frame hydraulic / single arm / Telescopic,	FASSMER	FFH-series, FFB-series FLR-series, FFH-series FSARR-series, FSAR-series FPD-series FMPD-series, FSARRseries, FHD- series, FPDseries FOD-series FOD-series, FFH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame,	FASSMER MARLAND	FFH-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	GILBERT & SCHMALRIEDE. GMBH & CO. KG	PJ1385-series	ISO / PAS 23678 (* See Note)
Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic,	GILBERT & SCHMALRIEDE. GMBH & CO. KG	PJ-1386-series	ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outtrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Free fall hydraulic/el secondary, A-frame hydraulic / single arm / Telescopic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	GLOBAL DAVIT	GSP.O-series, RSP.O-series, LGP- series FHS-series, FHS.L-series, FHS.R- series, FHS.R.Lseries, FHS.R.L.S- series, FHS.R.S-series, FHS.Sseries, LMES.S-series, LMLseries, LMS- series, LMS.Sseries, R RMS-series, LHSseries, RHL -series, RHPseries, RHS-series, RHS.Lseries, RHS.L.S- series, RHS.S-series, RMES.L.Sseries, RMES.S-series, RML-series, RMS.L- series, RMS.L.S-series, RMS.Sseries,	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

		RMS-series RHP-series, RHP.HC-series RHS-series FHS, RHP, RSP, HC-series GLP.FP-series, GLP.MPseries, GSP.FP- series, GSP.MP-series GLP.RT-series, GSP.RTseries, GSP.RT, GLP.RTseries GLP.FLH-series, GLP.FPHseries, GSP.FLH-series, GSP.FPH-series, RHLseries, RHP-series, GSPseries, GLP- series	
Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	GREBEN	HFF-series FOD-series SAR-series, PH-series RLC-series SPG-series GR-RTD-series GD-PD-series, HD-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Twin Fall Gravity Pivoting / Luffing, Single arm Slewing,	GURDESAN	GD-FFD-series, GD-FFseries, GD-KV GD-GR series GD-KHK-series, GD-RRseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing,	HAEAN MACHINERY IND. CO. LTD.	HED-PC-series, HHD-PCseries	ISO / PAS 23678 (* See Note)
Single arm Slewing,	HANYOUNG ENTERPRISE	RESCUE BOAT DAVITseries	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity freefall primary, Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	HARDING (UMOE SCHAT HARDING)	FF-series, LA-series FFB-series, LA-series HD-FL-series, ORD-series LAR-series, SAR-series, SPR-series, SRR-series, FRseries SA-series HD-SPG-series, HD-VIPseries, SPG(VL)-series GRA-series, HD-RT-series SPD-series, SPR-series, NPD-series, NPDS-series, VIP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack,	HARDING (UMOE SCHAT HARDING) (SCHAT DAVIT COMPANY) (PALFINGER)	MOB-series SPG(L)-series NT-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Fall Gravity	HARDING	WRG-series	ISO / PAS 23678 (* See Note)

Rollertrack,	(WATERCRAFT)		
Free fall secondary hydraulic A Frame, Gravity freefall primary, Gravity Single & Twin Fall Outrigger, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	HATECKE (ERNST HATECKE)	FFA-series FFB-series GSP.O-series GSP.FP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing, A-frame hydraulic / single arm / Telescopic, Hydraulic/el Pivoting & Luffing,	HYDRALIF	HL6D, HL-series HL-series HL-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing, Free fall hydraulic/el secondary,	IHI MARINE UNITED INC	MUL-series SH-series, SC-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing,	IKNOW MACHINARY (TSUJI)	HD-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	IMT CO., LTD	ILR-series	ISO / PAS 23678 (* See Note)
Hydraulic/el Pivoting & Luffing, Free fall hydraulic/el secondary, Single arm Slewing,	JAPAN MARINE UNITED CORP.	MUL-series, MUH-series MUF-series, US-series MUR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering, Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing,	JIANGSU JIAOYAN MARINE EQUIPMENT CO., LTD	JYF-series, JY-series, JYMseries, JYFF- series, FWseries, JYRC-series, JYRseries, FN-series, JYFNseries JYP-series JYRCA-series, JY-series, JYR-series JYR-series, JYH-series JYL-series JYGR-series JYHG-series, JYL-series NPT-DF-series, NPT-series NPT-DP-series, NPT-PLseries, NPT- series NPT-DR-series, NPT-ORseries, NPT- series, ORseries NPT- BE-series, NPT-DRseries NPT-DL-series, NPT-DPseries, NPT- DYL-series, NPT-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall hydraulic/el secondary, Gravity freefall primary, Hydraulic/el Pivoting & Luffing, Single arm Slewing,	JIANGYIN NORSAFE	HD-series FRP-series NOSC-series NOSC-series, MOB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast	JIANGYIN WOLONG F.R.P. BOAT CO. LTD.	JY-FH-series JYPL-series JYSA-series JY-LFR-series, JY-LRHEseries, JY-PLR- series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack,		JYPL-series JYHE-series	
Gravity Roller Track, Free fall hydraulic/el secondary, Single arm Slewing,	JIANGYIN XINJIANG	JYL-series JYF-series JYR-series, JYFR-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outtrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	JIANGYINSHI BEIHAI	FA-series, JYB-series, SMseries, JYF- series PD-series, BHGH-series SA-series, SAC-series, SMR-series, SAR-series, SRR-series EHRD-series, FRH-series, SRH-series BH-G-series, LA-series, LBH-series HB-H-series, RB-H-series BHGH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing,	JUNG-A-MARINE CO., LTD	PCRLC-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	KGW SCHWERINER MASCHINENBAU GMBH	RB-series	ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic,	MACGREGOR (TTS) (HYDRAMARINE)	G-TYPE-series A-TYPE-series, HLD-series, HMC - series, HMD-series T-TYPE-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Hydraulic/el Pivoting & Luffing, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack,	MANSEI	D-FH-series, FE-series, MFH-series, DH-series, MFH-series, N-series M, EH, E, N-series M-series, R-series, SARseries, SR- series, S-series, N-Series, E-series HER-series, N-series, Mseries, EH- series, E-series ABD-series, AH-series, AVseries, EH- series, EMseries, M-series, E-series AT-series, GRA-series, Nseries, M- series, EH-series, E-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing, Twin Fall Gravity Pivoting / Luffing, Gravity Single & Twin Fall Outtrigger,	MIURA MACHINE CO, LTD (MIURA VIDER) (MANSEI)	SPG(VD)-series MVD-series MV-series, MVD-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Gravity Roller Track, Free fall hydraulic/el secondary, Gravity Single & Twin Fall Outrigger, A-frame hydraulic / single arm / Telescopic, Single arm Slewing,	MONTMONTAZA GREBEN	SPG-series FFL-series, HW-series RC-series HFF-series, SPG(GA)-series EW, RID, RLC, PHA, HPRLC-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Hydraulic/el Pivoting & Luffing, Gravity Single & Twin Fall Outrigger,	NAVALIMPIANTI	GDMP-series GDET-series, NPS-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing,	NAVIGATIONS	1,1-series	ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outrigger, Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	NAVIM GROUP	FDRB-series SPDT-L-series, SPDT- Rseries, SPDT- T-series SGHD- L-series, SPHD- Tseries	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, A-frame hydraulic / single arm / Telescopic, Free fall hydraulic/el secondary,	NED-DECK MARINE (PALFINGER)	FPG-series "SCH-series, SCM-series, SCT-series, SEC-series, SCM, SCH, SCT, MS, SCHD, HS-series" PFH-series, PRH-series, PRHE-series PL-series FFH-series, PRH-series RTD-serie	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Single arm Slewing, Twin Fall Gravity Pivoting / Luffing,	NINGBO ASIA F.R.P. BOAT MANUFACTURING CO LTD	YZF-series YZ-series, ZFDZ-series L-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall hydraulic/el secondary, Single arm Slewing,	NINGBO KAIRONG	FFD-series, HW-series C-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Single arm Slewing,	NINGBO NEW MARINE LIFESAVING EQUIPMENT CO. LTD	FH-series SAF-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing, Hydraulic/el Pivoting & Luffing, Free fall hydraulic/el secondary,	SHEYANG SAIFUTE	14KN-series, 21KN-series, KN-series KN-series 55KN-series, KN-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outrigger,	SHIGI	MFH-S600-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	SHIN MYUNG TECH	SMRB&LRD-FT-series, SMRBD-SD - series, SMRBD&LRDseries, SMRBD&PV-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	SORMEC	M-series, RB-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Gravity freefall primary,	STOCZNIA USTKA SP. Z O.O.	HZ-series PZ-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outrigger,	SURVIVAL SYSTEMS INT	PL-series	ISO / PAS 23678 (* See Note)
Free fall secondary	TAIZHOU HAIHAO	55KN-series	ISO / PAS 23678 (* See Note)

hydraulic A Frame, Single arm Slewing,	MARINE EQUIPMENT CO, LTD	21KN BOAT/RAFT DAVIT-series	ISO / PAS 23678 (* See Note)
Single arm Slewing, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack, Hydraulic/el Pivoting & Luffing,	TSUJI HEAVY INDUSTRIES	RP-series H-series T83-series, TC-series H-series, EB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Single arm Slewing, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering, A-frame hydraulic / single arm / Telescopic,	TTS (HYDRALIFT)	HL-series HL-series HL9D-series HL-series, HP-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing,	ULSTEIN FAMA (FAMA GNIEW)	ZO-series, ZT-series	ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	VANGUARDE	PL-series HS-series, MS-series, VSseries DH-series, PR-series, PRHseries LE-series, VL-series PFH-series, SRH-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame,	VERHOEF	FL-series	ISO / PAS 23678 (* See Note)
Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Single or Twin Fall Lifeboat Rescue Boat / Fast Rescue Boat Telescopic Hydraulic, Gravity Single & Twin Fall Outrigger,	VESTDAVIT	L-series P-series, PAP-series, PAPHseries, PL- series, PLARseries, PLD-series, PLIseries, PLP-series, PLRseries, C- series, PLRS-series TBD-series, P-series, PAPseries, PAPH-series, PLseries, PLAR-series, PLDseries, PLI-series, PLPseries, PLR-series, C-series, PLRS-series TDB-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Gravity freefall primary, Gravity Single & Twin Fall Outrigger, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering,	VIKING (NORSAFE)	SW-series A-series, C-series, D-series, NDC- series NRC-R-series, NRC-series NDA-series, NRB-series E-series LH-series, NRC-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing, Free fall secondary hydraulic A Frame,	VIKING (NORSAFE) (JIANGYIN)	NDSC-series, NDSC-Rseries HD-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Single arm Slewing,	WELIN LAMBIE	LRW-series, SARBE-series	ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Hydraulic/el Pivoting & Luffing, Twin Fall Gravity Rollertrack,	WUXI DONGWU	F55-F70-series, NPT100Fseries, F-series 21 - 35KN-series, DCW210-series A30/H35-series 18KN-110KN-series 50KN-series, KN-series, 60KN-series 25KN -30KN-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing,	WUXI HAIDELONG MARINE	SA-series	ISO / PAS 23678 (* See Note)
Single arm Slewing,	WUXI HAIHONG BOAT MAKING CO., LTD	23KN-series	ISO / PAS 23678 (* See Note)
Gravity Single & Twin Fall Outtrigger, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Single arm Slewing, Hydraulic/el Pivoting & Luffing, Twin Fall Gravity Pivoting / Luffing,	WUXI HUAHAI	PD-series HMB-series HMCD-series, HMD-series, HM-series HMD-series HMD-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Free fall secondary hydraulic A Frame, Single arm Slewing, Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic, Twin Fall Gravity Pivoting / Luffing, Twin Fall Gravity Rollertrack,	WUXI SHENGOU	SMDF-series SMC-series, SMD-series HMDA-series SHMDL-series SMD-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single arm Slewing, Gravity freefall primary,	YILMAZ DENİZCİLİK	YD series, YD series,	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing, Gravity Roller Track,	YOUNGNAM MACHINERY CO. LDT	YNBD-series, YNHDseries YNBD-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Twin Fall Gravity Pivoting / Luffing, Twin Fall Hydraulic / Pivoting / Luffing Gravity Lowering, Free fall secondary hydraulic A Frame, Gravity Single & Twin Fall Outtrigger, Single arm Slewing, Twin Fall Gravity Pivoting / Luffing,	ZHEJIANG TAIZHOU WANTONG MARINE MACHINERY CO LTD	YSJ-series SRH-series FH-series PL-series HDCL-series, SAFC-series, SAW30- series, ZF-series L-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Hydraulic/el Pivoting & Luffing, Free fall hydraulic/el secondary, Gravity Single & Twin Fall Outtrigger, Gravity freefall primary, A-frame hydraulic / single arm / Telescopic,	ZHENJIANG MARINE AUXILIARY MACHINE WORKS	LE, SAFC, SAF, SAPC, GLseries FH, F, FR-series LE, HDC, HDCL, PL-series FW-series SHA, LFR, PR-series SAFC, SA, SH, SAF, HDCL-series HE, RE-series	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

Single arm Slewing, Gravity Roller Track,			
Single Fall Rescue / Fast Rescue Boat A Frame Hydraulic,	ZHENJIANG WEST MARINE EQUIPMENT CO., LTD	WME-LRH35-series	ISO / PAS 23678 (* See Note)
Single arm slewing (manual) davit Holding/static brakes with mechanically operated multiple disks, centrifugal brakes with friction pads winch	NED-DECK MARINE	04-03M/QR 04-03W/WH	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single fall rescue boat (inflatable)	ZODIAC	RIBO 420	ISO / PAS 23678 (* See Note)
Davit launched life raft automatic release gear	RFD - DUNMURRY	MK4	ISO / PAS 23678 (* See Note)
Outboard engine	MERCURY 15	F15M	ISO / PAS 23678 (* See Note)
Single arm slewing (electric) davit Single drum, holding/static brakes with friction pads winch	ZHENJIANG MARINE	SAF14 SAW14	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single fall rescue boat	NORSAFE	45 MATRIX	ISO / PAS 23678 (* See Note)
Rescue boats, including fast rescue boat offload release gear	RC	OFF-LOAD	ISO / PAS 23678 (* See Note)
Outboard engine	YAMAHA 15	F15CMH	ISO / PAS 23678 (* See Note)
Hydraulic pivoting/luffing A-frame davit Hydraulic lowering and hoisting, hydraulic pump lowering brake winch	VEST DAVIT	P-3600 W-4	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Single fall fast rescue boat	FASSMER	RR6,2ID- IRB	ISO / PAS 23678 (* See Note)
Rescue boats, (including fast rescue boat) offload release gear	FASSMER DUPLEX	25E2/2,5	ISO / PAS 23678 (* See Note)
Jet drive engine, propeller drive engine	STEYR	MO144M38	ISO / PAS 23678 (* See Note)
Partially enclosed lifeboat, twin fall, open lifeboat, twin fall	VIKING	OPEN TYPE	ISO / PAS 23678 (* See Note)
Gravity roller track davit	SCHAT DAVIT	BE45	ISO / PAS 23678 (* See Note)
Gravity twin fall outrigger davit Gravity-lowering/electric hoisting with brake system winch	MIURA VIDER	N-461 W-4-98	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Totally enclosed lifeboats with sprinkler and air system Lifeboat on-load / offload (load not over center) hook, up and down pins release gear	SHIGI	SZK53 SZK 25	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Inboard diesel engine	YANMAR	3JH25A	ISO / PAS 23678 (* See Note)
Totally enclosed freefall life boat with sprinkler and air system	JIANGYIN NEPTUNE	NPT49FF	ISO / PAS 23678 (* See Note)
Twin drum winch Gravity free fall primary and hydraulic secondary	FASSMER	FW-6S FFD-55	ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)

davit			
Lifeboat on-load / offload release gear	JIANGYIN NEPTUNE	NPT70	ISO / PAS 23678 (* See Note)
Inboard diesel engine	CHINA	MARINE	ISO / PAS 23678 (* See Note)
Liferaft	CSM	SMLR-D- 16	ISO / PAS 23678 (* See Note)
Liferaft		SMLR-A- 06	ISO / PAS 23678 (* See Note)
Lifebuoy	MARTEK	2,5KGS	ISO / PAS 23678 (* See Note)
Embarkation ladder	DELMAR	D-SAFE	ISO / PAS 23678 (* See Note)
Hydraulic double motor	ASEA MOTOR	MBT 112M	ISO / PAS 23678 (* See Note)
Liferaft release hook	CSM	METAL	ISO / PAS 23678 (* See Note)
Rescue boat stand	DELMAR	STEEL	ISO / PAS 23678 (* See Note)
Liferaft cradle		STEEL	ISO / PAS 23678 (* See Note)
Hru	SAFETMADE	PLASTIC	ISO / PAS 23678 (* See Note)
Curve to curve cams, intermediary hook, arresting levers release gear	HARDING	OFF/ON LOAD	ISO / PAS 23678 (* See Note)
Flat to flat cams, amplification arms, arresting levers release gear	NORSAFE	TOR 8T	ISO / PAS 23678 (* See Note)
Curve to flat cams, hydrostatic interlock with diaphragms and floats hook	VANGUARD	CSAFE 5	ISO / PAS 23678 (* See Note)
Lifeboat offload (load over centre) release gear	SCHAT HARDING	ARH-23	ISO / PAS 23678 (* See Note)
Rescue boats, including fast rescue boat automatic release gear	NED-DECK	CAR 35	ISO / PAS 23678 (* See Note)
Lifeboat on-load / offload release (load over centre) release gear	SCHAT HARDING	RRH15	ISO / PAS 23678 (* See Note)
Rescue boats, including fast rescue boat offload release gear	HENRIKSEN	HMKST 5,0	ISO / PAS 23678 (* See Note)
Freefall hydraulic release gear	JIANGYINSHI BEIHAI	ON- OFF/LOAD	ISO / PAS 23678 (* See Note)
Release hook stand	DELMAR	STEEL	ISO / PAS 23678 (* See Note)
Work desk		ITU MARITIME FAC.	ISO / PAS 23678 (* See Note)
Work desk and tool desk	ENGIN METAL	ITU MARITIME FAC.	ISO / PAS 23678 (* See Note)
Tool box with roller		ITU MARITIME FAC.	ISO / PAS 23678 (* See Note)
Accumulator	BUCCMA	HYDRAULIC	ISO / PAS 23678 (* See Note)
Line throwing	DELMAR	BLT-250	ISO / PAS 23678 (* See Note)
Line throwing		BLT-250	ISO / PAS 23678 (* See Note)
Fire hose and box set		PLASTIC	ISO / PAS 23678 (* See Note)
Inflatable life jacket	LALIZAS	ALPHA 170N	ISO / PAS 23678 (* See Note)
Immersion suit	TUNABORA+VIKING	UNIVERSAL	ISO / PAS 23678 (* See Note)
Fireman suit and box set	DELMAR	DS-101	ISO / PAS 23678 (* See Note)
Foam applicator hose box			ISO / PAS 23678 (* See Note)
Water bag (5t)	MAKSTELLAR	ORANGE	ISO / PAS 23678 (* See Note)
Hydrostatic interlock of release gear	WUXI		ISO / PAS 23678 (* See Note)
Fire extinguisher	EKSEL	DP	ISO / PAS 23678 (* See Note)
First aid kit	EAGLE		ISO / PAS 23678 (* See Note)
Oil spill kit	DELMAR		ISO / PAS 23678 (* See Note)
Shackles	KUSDOGAN	OMEGA	ISO / PAS 23678 (* See Note)
Rescue boat on-load release gear	GEPA	G-K1	ISO / PAS 23678 (* See Note)
Socket tool set	IZELTAS		ISO / PAS 23678 (* See Note)
13/17/19 Wrench			ISO / PAS 23678 (* See Note)

Allen Key Tester Screwdriver Hedgebill Tape measure (3mt) Circlip pliers Hammer 1 kg Hammer 0,5 kg Adjustable wrench			ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note) ISO / PAS 23678 (* See Note)
Hard hat	ESSAFE		ISO / PAS 23678 (* See Note)
Tool box with bag	KING QUEEN		ISO / PAS 23678 (* See Note)
Inboard engine	BUKH	DV29	ISO / PAS 23678 (* See Note)
Holding/static brakes multiple disks, hydraulically operated winch	FASSMER	HYDRAULIC	ISO / PAS 23678 (* See Note)
Filter key	IZELTAS		ISO / PAS 23678 (* See Note)
Water bag (1t)	MAKSTELLAR	ORANGE	ISO / PAS 23678 (* See Note)
Gravity davit winch	SCHAT DAVIT	BE45	ISO / PAS 23678 (* See Note)
Callipers	IZELTAS	DIGITAL	ISO / PAS 23678 (* See Note)
Callipers	CHZ	MECHANIC	ISO / PAS 23678 (* See Note)
Boots	YDS		ISO / PAS 23678 (* See Note)
Gloves	BEYBI	CE0852	ISO / PAS 23678 (* See Note)
Coveralls	TRILLCHEM	PPE	ISO / PAS 23678 (* See Note)
Respiratory protective equip.	DRAGER	MASK + FILTER	ISO / PAS 23678 (* See Note)
Risk intervention card	ANATOLIA	STENCIL	ISO / PAS 23678 (* See Note)
Centrifugal brakes with friction pads winch	TECNIMPIANTI	RD-6B	ISO / PAS 23678 (* See Note)
Fuel/Oil Tank	SDM	Tank - Plastic	ISO / PAS 23678 (* See Note)
Rescue Boats Totally Enclosed Lifeboats Freefall Lifeboats On Load Release Systems Release Hooks	BALDEN	BD-R01, BD-R02 BD-LBC1, BD-LBC2, BDLBT1, BD-LBT2 BD-FFC1, BD-FFC2, BDFFT1, BD-FFT2, BDFFC505, BD-FFT505. BD-LBHR5, BD-LBHR10, BD-LBHR12 BD-HR1, BD-HR38	BD- SAK -01
Free Fall Davit Rescue Boat Davit Fast Rescue Boat Davit Pivoting Lifeboat Davit	DENIZSAN	DSFFD50 DSRBD21, DSRBHC21 DSFRB21 DSFV3,5, DSFV7	DS- SAK -02

2- Certified Quality System in accordance with ISO 9000 series: Yes No

3- List of Subsidiaries / Agents covered by this certificate

4- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported .
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates , without written notification to the Society.
- Where the periodic audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

5- Other conditions

Note: The acceptance of this service supplier on board a given ship, for which personal are certified in accordance with ISO 23678:2022, is subjected to the ship's flag state policy. ISO / PAS 23678 (See Note)

6- Endorsement where an intermediate audit has been performed

Signed:

(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place:

Date:

SCHEDULE OF THE APPROVAL

1- List of equipment and systems

Type	Manufacturer
ALL	ALL

For extension of this Recognition to types and/or manufacturers of Equipment other than those already listed in this Certificate, it may be necessary that the Service Supplier applies for and obtains authorization of the said manufacturers.

2- List of Subsidiaries / Agents covered by this certificate

3- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Service Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported.
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates, without written notification to the Society.
- Where the intermediate audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

4- Other conditions

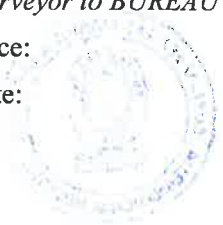
5- Endorsement where an intermediate audit has been performed

Signed:

(Surveyor to BUREAU VERITAS MARINE & OFFSHORE)

Place:

Date:



Certificate of Approval

Approving a Service Supplier engaged in inspections and maintenance of self contained breathing apparatus aboard ships or mobile offshore units classed with the Society

No. ITB0/EOZ/20241104091803

Issued within the scope of the Bureau Veritas Marine & Offshore Division General Conditions
Délivrée dans le cadre des Conditions Générales de la Division Marine & Offshore du Bureau Veritas



Company:

SAK DENIZ ENDUSTRISI VE TICARET LIMITED SIRKETI

Company address*:

FATIII MAIL FATIİH CAD. NO:49/A
TAVSANLI BELDESI ALTINOVA YALOVA
Türkiye

Scope of the approval:

Inspection, maintenance and test of self-contained air breathing apparatuses as per the list included in the attached Schedule of Approval.

This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore Division General Conditions, has performed, at the Service Supplier's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533.

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Recognition.

The Certificate is valid until**: 18 November 2027

Completion date of the assessment on which this certificate based: 18 November 2024

At: ISTANBUL on 18 November 2024

**BUREAU VERITAS
MARINE & OFFSHORE**

E. OZBEK

Bureau Veritas Surveyor's signature :



* Refer to the appendix for the list of subsidiaries covered by this certificate

** Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore Division and the General Conditions therein are applicable.

La dernière édition des Règlements de la Division Marine & Offshore du Bureau Veritas ainsi que les conditions Générales qui y figurent sont applicables

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.

Certificate N° ITB0/EOZ/20241104081700

Company Name :SAK DENIZ ENDUSTRISI VE TICARET LIMITED SIRKETI

4- Other conditions

5- Endorsement where an intermediate audit has been performed

Signed :

(Surveyor to Bureau Veritas Marine & Offshore)

Place :

Date :

SCHEDULE OF THE APPROVAL

1- List of equipment and systems

Fixed gas fire-extinguishing systems (precise fire extinguishing medium)

Type	Manufacturer
ALL	ALL

Fixed foam fire-extinguishing systems (High-expansion foam) (Low-expansion foam)

Type	Manufacturer
ALL	ALL

Fixed pressure water-spraying and water-mist fire-extinguishing systems

Type	Manufacturer
ALL	ALL

Automatic sprinkler, fire detection and fire alarm systems

Type	Manufacturer
ALL	ALL

Portable fire extinguishers

Type	Manufacturer
ALL	ALL

For extension of this Recognition to types and/or manufacturers of Equipment other than those already listed in this Certificate, it may be necessary that the Service Supplier applies for and obtains authorization of the said manufacturers.

2- List of Subsidiaries / Agents covered by this certificate

3- Condition for the validity of the certificate of approval

The certification is valid insofar as the inspection duties are actually assumed by personnel of the Service Supplier who has been assessed by the Society.

The Society reserves the right to invalidate this certificate of approval in case :

- Where the service was improperly carried out or the results were improperly reported.
- Where a Surveyor finds deficiencies in the approval service operating system of the supplier and appropriate corrective action is not taken.
- Where alterations have been made to the Company's Quality System relevant to the service supplier certificates, without written notification to the Society.
- Where the intermediate audit, if requested, has not been carried out.
- Where wilful acts or omissions are ascertained.
- Where any deliberate misrepresentation has been made by the Service Supplier.

Certificate of Approval



Approving a Service Supplier engaged in inspections and maintenance of the fire extinguishing/fire detection equipment and system aboard ships or mobile offshore units classed with the Society

No. ITB0/EOZ/20241104081700

Issued within the scope of the Bureau Veritas Marine & Offshore General Conditions
Délivrée dans le cadre des Conditions Générales de Bureau Veritas Marine & Offshore

Company: **SAK DENIZ ENDUSTRISI VE TICARET LIMITED SIRKETI**
FATİH MAH. FATİH CAD. NO:49/A
Company address*: **TAVSANLI BELDESI ALTINOVA YALOVA**
Türkiye

Scope of the approval:

Inspections and maintenance of the fire extinguishing/fire detection equipment and system aboard ships or mobile offshore units classed with the Society as per the list included in the attached Schedule of Approval.

This is to certify that:

The undersigned Surveyor of the Society, acting within the Bureau Veritas Marine & Offshore General Conditions, has performed, at the Service Supplier's request, an assessment of the facilities, organisational structure and procedures of the said Service Supplier, in compliance with the relevant requirements of the Society Rule Note NR 533.

The facilities, organisational structure and procedures were found satisfactory for the servicing of the equipment described in the attached Schedule of Recognition.

The Certificate is valid until**: 18 November 2027

Completion date of the assessment on which this certificate based: 18 November 2024

At: ISTANBUL on 18 November 2024

Bureau Veritas Surveyor's signature :

**BUREAU VERITAS
MARINE & OFFSHORE**

E. OZBEK



By Order of the Secretary

* Refer to the appendix for the list of subsidiaries covered by this certificate

** Not later than 3 years after the date of evaluation

The latest published Rules of the Bureau Veritas Marine & Offshore and the General Conditions therein are applicable.

La dernière édition des Règlements de Bureau Veritas Marine & Offshore ainsi que les conditions Générales qui y figurent sont applicables

Any person not a party to the contract pursuant to which this certificate is delivered may not assert a claim against Bureau Veritas for any liability arising out of errors or omissions which may be contained in said certificate, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in the establishment or issuance of this certificate, and in connection with any activities for which it may provide.

Toute personne qui n'est pas partie au contrat aux termes duquel ce document est délivré ne pourra engager la responsabilité du Bureau Veritas pour les inexactitudes ou omissions qui pourraient y être relevées ainsi que pour les erreurs de jugement, fautes ou négligences commises par le personnel de la Société ou par ses agents dans l'établissement de ce document et dans l'exécution des interventions qu'il comporte.