

JOB TYPE	JOB DESCRIPTION	AUTHORIZED MAKERS	COMPETENT MAKERS
CARGO SAFETY, SPACE AND LINE VALVES	CARGO TANK SAFETY VALVES	FUKUI SEISAKUSHO - JAPAN	ANDERSON GREENWOOD
	HOLD SPACE / IS / IBS SAFETY RELIEF VALVES		ANDERSON GREENWOOD, TAI MILANO
	LINE SAFETY VALVES		
BOILER SAFETY VALVES	MAIN BOILER SAFETY VALVES OVERHAULING JACK UP TEST WITH JACK UP TOOLS (NK APPROVED)	FUKUI SEISAKUSHO - JAPAN	
PUMPS & TURBINES	MAIN FEED WATER PUMP & TURBINE	SHINKO	
	CARGO PUMPS	SHINKO with maker	
	BALLAST PUMPS	SHINKO, TEIKOKU, TAIKO KIKAI	MHI, HYUNDAI, NANIWA
	VACUUM PUMPS	SHINKO	SHIN NIPPON
	COOLING PUMPS	SHINKO, TEIKOKU, TAIKO KIKAI	
	MAIN TURBINE L.O. PUMP	TAIKO KIKAI	
	VARIOUS GENERAL SERVICE PUMPS	SHINKO, SHIN SHIN, TEIKOKU MACHINERIES, TAIKO KIKAI, KOSAKA	MHI, HYUNDAI, NANIWA
CRYOGENIC VALVES	CARGO TANK MOUNTING VALVE (OTHERS)	OSAKA	SNRI, TRUFLO, S&S VALVES (SEO-HUNG)
	MANIFOLD INTERMEDIATE VALVE		
	INTERMEDIATE VALVES (GLOBE VALVE)		
	INTERMEDIATE VALVES (NON-RETURN)		
	BALL VALVES		
	BUTTERFLY VALVES	PK VALVE KOREA	
AUTOMATION	BALLAST TANK LEVEL GAUGE SYSTEM (FLOAT TYPE)	NAKAKITA	MUSASINO, HANLA
	DRAFT GAUGE SYSTEM (FLOAT TYPE)		GADELIUS, OMC, DAEHO, EPCON
	BALLAST CONTROL CONSOLE		
	CONTROLLER OF CONTROL VALVES	NAKAKITA, MEIYO ELECTRIC	YAMATAKE, YOKOGAWA
	PRESSURE & TEMPERATURE INDICATION SYSTEM	KOMYO, RIKEN	MARTEK, TOKA
	GAS DETECTION SYSTEM		
CALIBRATION AND OVERHAULING OF VARIOUS CONTROL VALVES	VALVES FOR MAIN TURBINE	NAKAKITA	YAMATAKE-HONEYWELL, GADELIUS
	BOILER CONTROL VALVE	NAKAKITA, OSAKA	
	BOILER PISTON VALVE	NAKAKITA	RISYO VALVE WORK
	MAIN BOILER MOTOR VALVES		
	ACCESSORIES OF H. EXCHANGER		
<b>BWTS &amp; SCRUBBER SYSTEMS SUPPORT:</b>	<b>VRCS – BWTS INTERFACING/ SUPPLY OF VARIOUS VALVES INCLUDING DUPLEX STAINLESS STEEL, ACTUATORS &amp; CONTROL CABINET, IACS APPROVED ELECTRIC CABLES.</b>	NAKAKITA	VARIOUS MAKERS
MARINE SAFETY	ANNUAL INSPECTION & CERTIFICATION OF LIFEBOAT & DAVITS	SHIGI SHIPBUILDING CO., LTD NISHI-F CO.,LTD TSUNEISHI FORESTRY CONSTRUCTION COMPANY	
	FIVE YEARLY INSPECTION & CERTIFICATION OF LIFEBOAT & DAVITS	SEKIGAHARA SEISAKUSHO LTD. MANSEI INC, MIURA MACHINE CO., LTD.	
	FIRE FIGHTING (EXTINGUISHING) SYSTEM	KASHIWA	
	IMMERSION SUITS	TAKASHINA	
HYDRAULIC EQUIPMENT	ELECTRO HYDRAULIC STEERING GEAR	MHI (Together with SAMAYU CO LTD), FLUTEK LTD, Korea (Together with maker)	
	WINCHES/WINDLASS, HYDRAULIC DECK MACHINERY	NIPPON PUSNESS CO.LTD JAPAN, FLUTEK LTD, Korea (Together with maker)	
	HYDRAULIC WINCHES/WINDLASS	FUKUSHIMA LTD (Together with Maker)	MHI
OTHER MACHINERIES (LIKE ON BOILERS, MAIN TURBINES ETC..)	FORCED-DRAFT FAN / INERT GAS FAN	OSAKA BLOWERS	
	MAIN BOILER BURNERS	VOLCANO	
DIESEL ENGINES	M/E TURBO CHARGERS		MHI