












































































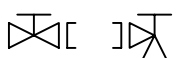

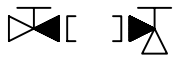


























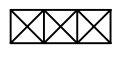






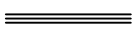

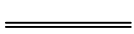

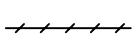
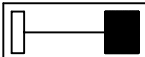
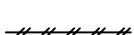

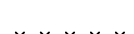



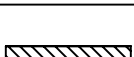

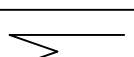








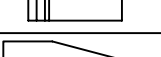

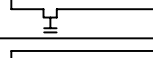



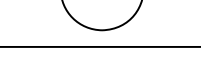




SCHEME OF SYMBOLS 轮机管系符号说明		1111	PAGE
			2 / 4
SYMBOL	NAME	SYMBOL	NAME
	STOP VALVE 截止阀		TO BILGE 泄舱底
	STOP CHECK VALVE 截止止回阀		LINE UP 上行管
	CHECK VALVE 止回阀		LINE DOWN 下行管
	BUTTERFLY CHECK VALVE 蝶型止回阀		CROSSING PIPES (NOT CONNECTED) 不连接交叉管
	FLAP CHECK VALVE 板式止回阀		CROSSING PIPES (CONNECTED) 连接交叉管
	STORM VALVE 立式防浪阀		
	GATE VALVE 闸阀		
	WAFFER TYPE BUTTERFLY VALVE 对夹式蝶阀		
	FLANGE TYPE BUTTERFLY VALVE 法兰式蝶阀		
	WAFFER TYPE R.C. BUTTERFLY VALVE 对夹式遥控蝶阀		
	FLANGE TYPE R.C. BUTTERFLY VALVE 法兰式遥控蝶阀		
	HOSE VALVE 软管阀		
	HYDRANT 消火栓		
	BALL VALVE 球阀		
	TWO WAY COCK 旋塞		
	THREE WAY COCK 三通旋塞		
	REGULATING VALVE 调节阀		
	SELF-CLOSING DRAIN VALVE 自闭式放泄阀		
	QUICK CLOSING VALVE 快关阀		
	SAFETY VALVE 安全阀		
	PRESS. REDUCING VALVE 减压阀		
	SOLENOID VALVE 电磁阀		

SCHEME OF SYMBOLS 轮机管系符号说明		1111	PAGE
			3 / 4
SYMBOL	NAME	SYMBOL	NAME
	THERMOMETER 温度表		MAGNETIC LEVEL INDICATOR 磁性液位计
	THERMOMETER (Hg) 水银温度计		PLATE TYPE LEVEL GAUGE 玻璃平板液位表
	PRESS. GAUGE & VALVE 压力表及阀		MUD BOX 泥箱
	PRESS. VACUUM GAUGE & VALVE 压力真空表及阀		SIMPLEX STRAINER 单联滤器
	DIFF. PRESS. GAUGE 压差表		DUPLEX STRAINER 双联滤器
	FLOWMETER 流量计		SEPARATER 分离器
	BELLMOUTH 吸入口		DRAIN TRAP 疏水器
	SIGHT GLASS 液流视察器		HOPPER(OPEN) 漏斗
	ORIFICE 节流孔板		REDUCER 异径接头
	EXPANSION JOINT (WITH GLAND) 伸缩接头		Y-STYLE STRAINER Y型滤器
	BLANK FLANGE 盲板法兰		EXPANSION JOINT CORRUGATED 波形膨胀接头
	SPECT. FLANGE (NORMAL CLOSE) 双联盲板法兰 (常闭)		R.C. PNEUM. 气动遥控
	SPECT. FLANGE (NORMAL OPEN) 双联盲板法兰 (常开)		R.C. HYDR. 液压遥控
	SHORE CONNECTION 通岸接头		R.C. ELECTR. 电动遥控
	WATER SEAL SCUPPER 水封式甲板漏水口		TEMP. CONTROL 温度控制
	SCUPPER 甲板漏水口		FLOW REGULATING 流量调节
	CLOSABLE SCUPPER 可闭式甲板漏水口		CENTRIFUGAL PUMP 离心泵
	BONNER TYPE AIR PIPE HEAD (WITH WIRE NET) 帽型空气管头 (带网)		EJECTOR PUMP 喷射泵
	BONNER TYPE AIR PIPE HEAD (WITHOUT WIRE NET) 帽型空气管头 (不带网)		SCREW PUMP 螺杆泵
	SOUNDING OR FILLING HEAD WITH CAP 测深, 注入头		ECCENTER PUMP 单螺杆泵
	SOUNDING HEAD WITH SELF-CLOSE 测深自闭阀		HAND PUMP 手动泵
	OIL PAN 油盘		
	AIR VENT PIPE 空气管		
	HOSE 软管		

SCHEME OF SYMBOLS 轮机管系符号说明		1111	PAGE
			4 / 4
1. SENSOR 传感器			
	PRESSURE SWITCH 压力开关		PRESSURE TRANSMITTER 压力变送器
	TEMPERATURE SWITCH 温度开关		TEMPERATURE TRANSMITTER 温度变送器
	LEVEL SWITCH 液位开关		LEVEL TRANSMITTER 液位变送器
	FLOW SWITCH 流量开关		PRESSURE DIFF. SWITCH 压差开关
2. INDICATOR 指示器			
	PRESSURE INDICATOR 压力指示器		LEVEL INDICATOR 液位指示器
	TEMPERATURE INDICATOR 温度指示器		VISCOSITY INDICATOR 粘度指示器
3. ALARM 报警			
	HIGH PRESSURE ALARM 压力高报警		NON-FLOW ALARM 断流报警
	LOW PRESSURE ALARM 压力低报警		HIGH DIFF. PRESS. ALARM 压差高报警
	HIGH TEMPERATURE ALARM 温度高报警		LOW DIFF. PRESS. ALARM 压差低报警
	LOW TEMPERATURE ALARM 温度低报警		DEVIATION FROM AVERAGE TEMP. 温度偏差值高报警
	HIGH LEVEL ALARM 液位高报警		HIGH SALINITY ALARM 盐度高报警
	LOW LEVEL ALARM 液位低报警		NO VOLTAGE ALARM 失电报警
	HIGH DENSITY ALARM 浓度高报警		COMMON FAILURE ALARM 综合故障报警
	HIGH VISCOSITY ALARM 粘度高报警		OTHER ABNORMAL ALARM 其它异常报警
	LOW VISCOSITY ALARM 粘度低报警		EMERGENCY STOP ALARM 应急停止报警
4. CONTROL 控制			
	SHUT DOWN 故障停车		AUTOMATIC CHANGE OVER 自动切换
	SLOW DOWN 故障降速		TEMP. AUTO. CONTROL 温度自动控制
	AUTOMATIC START/STOP 自动起/停		LOW/HIGH LEVEL AUTO START/STOP PUMP 高/低液位自动起/停泵

SYMBOL	SYMBOL DESIGNATION	SYMBOL	SYMBOL DESIGNATION
	MANUAL BUTTERFLY VALVE		NEEDED 3WAY TEST
	REM. HYD. BUTTERFLY		PRESS. REGULATING VALVE
	REMO. HYD. BUTTERFLY V/V WITH INTERM. POSITION CONTROL VALVE		PRESS. REDUCING PNEU.
	STOP VALVE (STR./ANG)		PRESS. CONT. REGULAT'G
	NON-RETURN STOP VALVE (STR./ANG)		QUICK CLOSING PNEU. (STR./ANG)
	GATE VALVE (RISING)		QUICK CLOSING HYD. (STR./ANG)
	GATE VALVE (NON-RISING)		QUICK CLOSING WIRE (STR./ANG)
	HOSE GLOBE V/V (STR./ANG)		SELF CLOSING SPRING (STR./ANG)
	GLOBE SDNR WITH HOSE CONNECTOR VALVE (STR./ANG)		SAFETY (STR./ANG)
	SWING CHECK VALVE (FLAP TYPE)		STORM VERT. SDNR (STR./ANG)
	FLAP CHECK VALVE		STORM VERT. SWING CHECK
	S.D.N.R. VALVE (STR./ANG)		TEMP. CONTROL 2WAY WAX
	NON-RETURN BALL WITHOUT SPRING		TEMP. CONTROL 3WAY PNEU.
	NEEDLE VALVE		TEMP. CONTROL 3WAY WAX
	FLOW CONT. BALL V/V FLOAT		TEMP. CONTROL 3WAY ROTARY PISTON
	FLOW CONT. BALL FLOAT CHECK		LOCK (OPEN/CLOSE)
	FLOW CONT. 2WAY DISC/DIAPHRAGM		PRESS. VACUUM HIGH VELOCITY
	BALL 3WAY (T-TYPE/L-TYPE)		GAS FREEING COVER
	COCK VALVE 2WAY		FLOAT VALVE
	COCK V/V 3WAY (T-TYPE/L-TYPE)		REMO. HYD. BUTTERFLY V/V WITH AUTO CONTROL VALVE ACTUATOR
	MAGNETIC V/V 2WAY (STR./ANG)		INTERNATIONAL SHORE CONNECTION
	MAGNETIC V/V 3WAY		MANIFOLD VALVE
	DEAERATING		SURFACE VALVE
	ELECTRIC MOTOR VALVE		

SYMBOL	SYMBOL DESIGNATION	SYMBOL	SYMBOL DESIGNATION
	BELL MOUTH		MUD BOX (ANG./STR.)
	BLIND FLANGE		ROSE BOX
	BOSS AND PLUG		LEVEL GAUGE WITH VALVE (FLAT/CYLINDRICAL TYPE)
	SLIDING EXPANSION JOINT		LEVEL GAUGE (DIAL FLOAT/FLOAT)TYPE
	SLEEVE COUPLING		LEVEL GAUGE WITH VALVE (DAIL TYPE)
	BELLOWS COUPLING		GLASS LEVEL GAUGE WITH VALVE AT LOW END. (FOR WATER TANK)
	COAMING(WITH DRAIN PLUG)		GLASS LEVEL GAUGE WITH SELF.CLOS.V/V AT LOW END. (FOR LUB.OIL TANK)
	FLEXIBLE JOINT FLEXIBLE PIPE JOINT		MAGNET LEVEL GAUGE WITH VALVE AT LOW END.
	HOPPER		SIGHT GLASS
	OVERBOARD		STRAINER Y-TYPE
	REDUCER		STRAINER SIMPLEX
	BRANCH		STRAINER DUPLEX
	SEPARATOR		AUTO CLEANING FILTER WITH MANUAL BY-PASS FILTER
	SPCETACLE FLANGE (NORMAL OPENED/CLOSED)		STEAM TRAP DISC TYPE
	ORIFICE PLATE		STEAM TRAP DISC TYPE WITH V/V
	SPOOL PIECE		STEAM TRAP FLOAT TYPE
	AIR VENT GOOSE NECK PIPE (WITHOUT WIRE NET)		STEAM TRAP FLOAT TYPE WITH V/V
	AIR VENT GOOSE NECK PIPE (WITH WIRE NET)		HOSE CONNECTOR
	AIR VENT HEAD (BONNET TYPE WITH WIRE NET)		DECK OR COAMING SCUPPER
	SOUNDING CAP SELF CLOS'G WEIGHT WITH SELF CLOS'G COCK		DECK STAND (MANUAL HYDRAULIC TYPE)
	SOUNDING CAP (NORMAL)		DECK STAND (MANUAL MECHANICAL TYPE)
	SOUNDING CAP (DECK FLUSH)		
	SOUNDING CAP SELF CLOS'G WEIGHT PEDAL WITH SELF CLOS'G COCK		
	FILLING CAP		

SYMBOL	SYMBOL DESIGNATION	SYMBOL	SYMBOL DESIGNATION
	FLOW METER		STEAM TRACING AND INSULATION
	HORN		INSULATION
	EJECTER		HYD. OIL PIPE
	AUTO FILTER		CONTROL AIR PIPE
	PORTABLE TANK		CAPILLARY TUBE
	HULL TANK		ELECTRIC CABLE
	CENTRIFUGAL PUMP		DECK
	GEAR PUMP		HEATING COIL
	HAND PUMP		AUTO START & STOP
	SCREW PUMP		AUTOMATIC CHANGE
	MONO PUMP		LOCAL INSTRUMENT
	PISTON PUMP		REMOTE CONTROL INSTRUMENT
	VISC. CONTROLLER		AUX. SWITCH
	F.W FOUNTAIN		COMPOUND INDICATOR
	WASH BASIN		PRESSURE INDICATOR
	SHELL/TUBE TYPE HEAT EXCH		
	COOLER PLATE TYPE		
	MAKER SUPPLY		
	VISCOSIMETER		
	SALINITY INDICATOR		