


CLASSIFICATION			LR/IRS			
FLAG			INDIA			
PORT OF REGISTRY			MUMBAI			
PLYING AREA			WORLDWIDE			
			MT SWARNA PUSH IMO NO.:9432672		FINAL DRAWING	
					SHIP'S NO.: JLZ070502	
COR. MARKS	SIGN	DATE	ELE. LOAD ANALYSIS		JL10168-056-002JS	
DESIGNED						
CHECKED						
APPROVED1						
APPROVED2						
CHECKED OF STA.			47,000 DWT PRODUCT OIL TANKER		<div>  JINGLING SHIPYARD MARINE DESIGN COMPANY FAX:0086-25-58797167 E-mail:jlshipyard@vip.163.com </div>	
DATE						

JLYD		JL10168-056-002JS										ELECTRIC LOAD ANALYSIS										TOTAL 11	
												需要功率 USED POWER										PAGE 3	
ITEM	MOTOR		正常航行SEA GOING				航行中补气		IGS		进出港 PORT		装卸油 CARGO HAND.		停泊 MOORING		应急 EM' CT						
	数量	输出 O.P (kW)	输入 I.P (kW)	系数 L.F (%)	连续 C.L (kW)	间歇 I.L (kW)	系数 L.F (%)	连续 C.L (kW)	间歇 I.L (kW)	系数 L.F (%)	连续 C.L (kW)	间歇 I.L (kW)	系数 L.F (%)	连续 C.L (kW)	间歇 I.L (kW)	系数 L.F (%)	连续 C.L (kW)	间歇 I.L (kW)					
控制空压机 CONTROL AIR COMPRESSOR	1	15	16.67	80X1		13.3	80X1		13.3	80X1		13.3	80X1		13.3	80X1		13.3					
甲板空压机 DECK AIR COMPRESSOR	1	40	43.5							80X1		34.8	80X1		34.8								
舱底水泵 BILGE PUMP	1	3.7	4.35							80X1	3.5												
舱底总用泵 BILGE & G.S. PUMP	1	127	138.04							70X1		96.6											
日用淡水泵 DOMESTIC WATER PUMP	2	5.5	6.25	80X1		5.0	80X1		5.0	80X1		5.0	80X1		5.0	80X1		5.0					
热水循环泵 HOT WATER CIRC. PUMP	1	1.73	2.04	80X1		1.6	80X1		1.6	80X1		1.6	80X1		1.6	80X1		1.6					
饮水消毒器 UV STERILIZER CONTROL BOX	1	1	1.18	90X1	1.1		90X1	1.1		90X1	1.1		90X1	1.1		90X1	1.1						
制淡装置淡水水泵 WATER GENERATOR F.W. PUMP	1	0.75	0.88	80X1	0.7		80X1	0.7															
制淡装置喷射/循环泵 WATER GENERATOR EJECTOR/CIR. F	1	28	30.43	80X1	24.3		80X1	24.3															
消防总用泵 FIRE W. & G.S. PUMP	1	127	138.04																				
组合锅炉燃烧电机 COM. BOILER BURNER MOTOR	1	4.6	5.41							80X1		4.3	80X1		4.3	80X1		4.3					
组合锅炉给水泵 COM. BOILER SUPPLY PUMP	2	2.2	2.59	80X1	2.1		80X1	2.1		80X1	2.1		80X1	2.1		80X1	2.1						
组合锅炉燃油泵 COM. BOILER FUEL OIL PUMP	2	0.66	0.78							80X1	0.6		80X1	0.6		80X1	0.6						
燃油锅炉给水泵 FUEL BOILER SUPPLY PUMP	2	18.5	20.32967				80X1	16.26		80X1	16.26												
燃油锅炉鼓风机 FUEL BOILER BLOWER	1	93	101.08696				70X1	70.76		70X1	70.76												
燃油锅炉烟雾密度风机 FUEL BOILER SMOKE DENSITY BLC	1	0.5	0.5882353				70X1	0.412		70X1	0.41												
燃油锅炉供油系统 FUEL BOILER OIL SUPPLY PUMP	2	4.8	5.65				80X1	4.52		80X1	4.52												
主机辅助鼓风机 M/E AUX. BLOWER	2	44	47.83							80X2	76.5												
机舱风机 E/R FANS	4	18.5	20.33	80X4	65.05		80X4	65.05		80X4	65.05					80X2	32.5	70X1 14.2					
电焊机室风机 WELDING ROOM FAN	1	0.75	0.88													80X1	0.7						
惰气室排风机 IGS ROOM EXHAUST FAN	1	1.1	1.29	80X1	1.0		80X1	1.0		80X1	1.0		80X1	1.0									
惰气装置燃油泵 IGS FUEL OIL PUMP	2	4.3	5.06				80X1	4.0					80X1	4.0									
惰气装置鼓风机 IGS BLOWER	2	86	93.48				80X1	74.8					80X2	149.6		80X1							
惰气发生器洗涤塔冷却水泵 IGS SCRUBBER C.S.W. PUMP	1	63	68.48				80X1	54.8					80X1	54.8									
水封水泵 SEAL WATER PUMP	2	2.53	2.98				80X1	2.4		80X1	2.4		80X1	2.4		80X1	2.4						

JLYD

JL10168-056-002JS

ELECTRIC LOAD ANALYSIS

TOTAL 11

PAGE 7

ITEM	MOTOR		需要功率 USED POWER											
			正常航行SEA GOING			航行中补气 IGS			进出港 PORT			装卸油 CARGO HAND.		
	数量	输出 O.P (kW)	系数 L.F (%)	连续 C.L	同续 I.L	系数 L.F (%)	连续 C.L	同续 I.L	系数 L.F (%)	连续 C.L	同续 I.L	系数 L.F (%)	连续 C.L	同续 I.L
厨房及洗衣设备 GALLEY & WASH PLANT														
组合电灶 COOKING RANGE WITH OVEN	2	17.00	99X1		16.8	99X1		16.8	99X1		16.8	60X1	10.2	99X1
可倾式电炒锅 TILTING FRYING PAN	1	7.50	99X1		7.4	99X1		7.4	99X1		7.4	60X1	4.5	99X1
电热汤锅 ELECTRIC HEATED SOUP BOILER	1	9.00	80X1		7.2	80X1		7.2	80X1		7.2	60X1	5.4	80X1
电烤炉 ELECTRIC BAKING AND ROASTING OVEN	1	11.00	80X1		8.8	80X1		8.8	80X1		8.8	60X1	6.6	80X1
深煎锅 DEEP FRYER	1	9.00	80X1		7.2	80X1		7.2	80X1		7.2	60X1	5.4	80X1
厨房冰箱(400升) ELECTRIC REFRIGERATOR	1	0.13	80X1		0.1	80X1		0.1	80X1		0.1	80X1	0.1	80X2
电磁炉 INDUCTION WOK COOKER	1	8.00	70X1		5.6	70X1		5.6	70X1		5.6	70X1	5.6	70X1
电热沸水器 AUTO-WALL MOUNTED WATER BOILER	5	2.40	80X2		3.8	80X2		3.8	80X2		3.8	60X2	2.9	80X2
电冰箱 ELECTRIC REFRIGERATOR	2	3.00	80X2		4.8	80X2		4.8	80X2		4.8	60X2	3.6	80X2
保温桌 HOT CUPBOARD	6	4	80X2		6.4	80X2		6.4	80X2		6.4	60X2	4.8	80X2
面包土司机 BREAD TOASTER	4	1.45	80X2		2.32	80X2		2.32	80X2		2.32	60X2	1.74	80X2
咖啡机 COFFEE MAKER	2	2.1	80X1		1.68	80X1		1.68	80X1		1.68	60X1	1.26	80X1
微波炉 ELECTRIC MICROWAVE OVEN	2	1.20	70X2		1.7	70X2		1.7	70X2		1.7	70X1	0.8	70X2
厨房多用机 UNIVERSAL COOKING MACHINE	1	0.75	80X1		0.6	80X0		0.0	80X1		0.6	60X1	0.5	80X1
和面机 DOUGH MIXER	1	0.75	80X1		0.6	80X1		0.6	80X1		0.6	60X1	0.5	80X1
锯骨机 MEAT BONE SAW	1	1.10	80X1		0.9	80X1		0.9	80X1		0.9	60X1	0.7	80X1
土豆去皮机 POTATO PEELER	1	0.80	80X1		0.6	80X1		0.6	80X1		0.6	80X1	0.6	80X1
绞肉机 MEAT MINCER	1	0.65	80X1		0.5	80X1		0.5	80X1		0.5	80X1	0.5	80X1
洗碗机 DISHWASHER	1	2.77	80X1		2.2	80X1		2.2	80X1		2.2	80X1	2.2	80X1
食品污物处理机 WASTE DISPOSER	1	0.55	80X1		0.4	80X1		0.4	80X1		0.4	60X1	0.3	80X1
冷饮水机 ICE CUBE MACHINE	2	0.22	80X2		0.4	80X2		0.4	80X2		0.4	80X2	0.4	80X2
洗衣机 WASHER EXTRACTOR	3	2.10	80X2		3.4	80X2		3.4	80X2		3.4			80X2
工业洗衣机 WASHER EXTRACTOR	2	21.70	70X2		30.4	70X2		30.4	70X2		30.4			70X2
熨平机 IRONING MACHINE	1	5.00	70X1		3.5	70X1		3.5	70X1		3.5			70X1
干衣机 TUMBLER DRYER	1	6.00	70X1		4.2	70X1		4.2	70X1		4.2			70X1
烘衣机 TUMBLER DRYER	3	2.70	70X1		1.9	70X1		1.9	70X1		1.9			99X1
蒸汽熨斗 ELECTRIC HAND STEAM IRON	3	1.63	99X2		3.2	99X2		3.2	99X2		3.2			99X2

JLYD		JL10168-056-002JS										ELECTRIC LOAD ANALYSIS						TOTAL 11													
		需要功率 USED POWER																PAGE 8													
																		MOTOR		正常航行SEA GOING		航行中补气 IGS		进出港 PORT		装卸油 CARGO HAND.		停泊 MOORING		应急 BW'CY	
																		数量	输出	系数	连续	同续	系数	连续	同续	系数	连续	同续	系数	连续	同续
ITEM		NO.	O.P (kW)	I.P (kW)	L.F (%)	C.L (kW)	I.L (kW)	L.F (%)	C.L (kW)	I.L (kW)	L.F (%)	C.L (kW)	I.L (kW)	L.F (%)	C.L (kW)	I.L (kW)	L.F (%)	C.L (kW)	I.L (kW)												
SUB-TOTAL (kW)						0.0	126.7		0.0	126.1		0.0	126.7		0.0	58.5		0.0	127.6		0.0	0.0									

