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Client:  AMOCO	Valhall EQM Project Amoco Norway Oil Company	Contract No.: C14.105
MASTER EQUIPMENT LIST		
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Valhall Project

Master Equipment List by Skid

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EQ Tag	Description	Area	Duty	Size		Weight		PO No	P&ID	Remarks
				Length Width	Height Diameter	Dry	Operat.			
E-701	Booster Compressor Suction Cooler	WP	4408KW kW	10500 7108	7635	67000	71440	*02 M		W-PI-030
E-701-CF1	E-701 Booster Compressor Suction Cooler Fan No.1	WP			1847			*02 M		*NA
E-701-CF1-M1	E-701 Suction Cooler Fan No. 1 Motor	WP	24KW kW	841 530	455	314	314	*02 E		*NA
E-701-CF2	E-701 Booster Compressor Suction Cooler Fan No.2	WP			1847			*02 M		*NA
E-701-CF2-M1	E-701 Suction Cooler Fan No. 2 Motor	WP	24KW kW	841 530	455	314	314	*02 E		*NA
E-701-CF3	E-701 Booster Compressor Suction Cooler Fan No.3	WP			1847			*02 M		*NA
E-701-CF3-M1	E-701 Suction Cooler Fan No. 3 Motor	WP	24KW kW	841 530	455	314	314	*02 E		*NA
E-701-CF4	E-701 Booster Compressor Suction Cooler Fan No.4	WP			1847			*02 M		*NA
E-701-CF4-M1	E-701 Suction Cooler Fan No. 4 Motor	WP	24KW kW	841 530	455	314	314	*02 E		*NA
E-701-CF5	E-701 Booster Compressor Suction Cooler Fan No.5	WP			1847			*02 M		*NA
E-701-CF5-M1	E-701 Suction Cooler Fan No. 5 Motor	WP	24KW kW	841 530	455	314	314	*02 E		*NA
E-701-CF6	E-701 Booster Compressor Suction Cooler Fan No.6	WP			1847			*02 M		*NA

EQ Tag Main Tag	Description	Area	Duty Rated Operating	Size		Weight		PO No	P&ID Remarks
				Length Width	Height Diameter	Dry	Operat.		
E-701-CF6-M1 E-701	E-701 Suction Cooler Fan No. 6 Motor	WP	24kW kW	841 530	455	314	314	*02 E	*NA
E-702	Fuel Gas Heater	WP	183kW kW	3500 910	1090	931	1000	M02 M	W-PI-030
E-702-H1 E-702	Fuel Gas Heater Element	WP	kW kW			300	300	M02 E	*NA
V-702 E-702	Fuel Gas Heater Vessel	WP		3036 600	1090 254	631	700	M02 M	*NA
E-707A	K-701A Lube Oil Air Cooler	WP		2725 1372	1676	1204	1299	*05 M	W-PI-037
E-707A-CF1 E-707A	K-701A Lube Oil Air Cooler Fan	WP						*05 M	*NA
E-707A-H1 E-707A	K-701A Lube Oil Reservoir Heater	WP	10kW kW					*05 E	*NA
E-707A-M1 E-707A	K-701A Lube Oil Cooler Fan Motor	WP	2,2kW kW			37	37	*05 E	*NA
E-707B E-707B-CF1 E-707B	K-701B Lube Oil Air Cooler	WP		2725 1372	1676	1204	1299	*05 M	W-PI-038
E-707B-H1 E-707B	K-701B Lube Oil Reservoir Heater	WP	10kW kW					*05 E	*NA
E-707B-M1 E-707B	K-701B Lube Oil Cooler Fan Motor	WP	2,2kW kW			37	37	*05 E	*NA
G-707	480 V auxiliary switchboard/MCC	WP		4066 616	2280	1600	1600	E01 E	*NA
G-717 G-707	400/230V Lighting Transformer	WP	61kVA 18,8kVA					E01 E	*NA
G-738 G-707	400/230V Main Distribution Board	WP		700 600	2200	490	490	E01 E	*NA

EQ Tag Main Tag	Description	Area	Duty Rated Operating	Size		Weight		PO No	P&ID Remarks
				Length Width	Height Diameter	Dry	Operat.		
G-712	480 V emergency switchboard/MCC	WP		2461 616	2215	1000	1000	E01 E	*NA Located in NLER
G-719A	24 V DC battery charger failure	WP	1,5kW 1,5kW	610 634	2060			*01 E	*NA Located in NLER
G-718A	24 V DC Battery Bank	WP				300	300	*01 E	*NA Located in NLER
G-718A-CP1	24 V DC Battery Breaker	WP		476 265	670	71	71	*01 E	*NA Located in NLER
G-719A									
G-719B	24 V DC Battery Charger	WP	1,5kW 1,5kW	610 634	2060	300	300	*01 E	*NA Located in NLER
G-718B	24 V DC Battery Bank	WP				300	300	*01 E	*NA Located in NLER
G-719B									
G-718B-CP1	24 V DC Battery Breaker	WP		476 265	670	71	71	*01 E	*NA Located in NLER
G-719B									
G-720	24 V DC Distribution Board	WP		610 634	2060	200	200	*01 E	*NA Located in NLER
G-775	MCC Control Panel	WP						E01 E	Included in WI-709

EQ Tag	Description	Area	Duty Rated Operating	Size		Weight		PO No	P&ID
				Length Width	Height Diameter	Dry	Operat.		
K-701A	GT- Driven Booster Compressor	WP	3490kW	7963	3000	23400	25400	*01	W.PI-037
LP501A	Line printer for Turbotronic UCP	WP	kW	2800				M	*NA
K-701A								J	Solar Turbotronic
P-739A	K-701A Main Liquid Fuel Pump	WP						*01	51481A-149555
K-701A								M	
P-739A-M1	K-701A Main Liquid Fuel Pump Motor	WP	5.5kW	585	456	85	85	*01	51481A-149555
K-701A			kW	300				E	
P-740A	K-701A Pre/Post Lube Oil Pump	WP						*01	51481A-149555
K-701A								M	
P-740A-M1	K-701A Pre/Post Lube Oil Pump Motor	WP	4kW	500	362	57	57	*01	51481A-149555
K-701A			kW	250				E	
P-741A	K-701A DC Backup Lube Oil Pump	WP						*01	51481A-149555
K-701A								M	
P-741A-M1	DC Backup Lube Oil Pump Motor	WP	1,1kW	521	337	82	82	*01	51481A-149555
K-701A			kW	420				E	
P-742A	K-701A Liquid Fuel Booster Pump	WP						*01	*NA
K-701A								E	
P-742A-M1	K-701A Liquid Fuel Booster Motor	WP	.75kW	354	305	22	22	*01	*NA
K-701A			kW	200				E	
WI-708A	K-701A Turbotronic UCP cabinet	WP	1kW	1448	2286	635	635	*01	*NA
K-701A			1kW	800				J	Solar Turbotronic
X-737A	K-701A Turbine Enclosure Ventilation Fan	WP						*01	*NA
K-701A								M	
X-737A-M1	K-701A enclosure vent fan motor no. 1	WP	5.5kW					*01	*NA
K-701A			kW					E	
X-738A	K-701A Turbine Enclosure Stand Bye Vent. Fan	WP						*01	*NA
K-701A								M	
X-738A-M1	K-701A turbine enclosure stand-by vent fan motor	WP	5.5kW					*01	*NA
K-701A			kW					E	

EQ Tag Main Tag	Description	Area	Duty Rated Operating	Size		Weight		PO No	P & ID Remarks
				Length Width	Height Diameter	Dry	Operat.		
X-749A	Inergen cabinet A	WP				445	721	*01	*NA
K-701A								M	Located outside of EQM
X-791A-MI	K-701A GT Starting Motor	WP	75kW	730	626	345	345	*01	*NA
K-701A			kW	406				E	
X-791A-UI	K-701A GT Starting Motor Frequency Converter	WP		500	1000	98	98	*01	*NA
K-701A				320				E	

EQ Tag Main Tag	Description	Area	Duty Rated Operating	Size		Weight		PO No	P&ID Remarks
				Length Width	Height Diameter	Dry	Operat.		
K-701B	G1-Driven Booster Compressor	WP	3490kW	7963	3000	23400	25400	*01	W-PI-038
LP501B			kW	2800				M	
K-701B	Line printer for Turbotronic UCP	WP						*01	*NA
P-739B	K-701B Main Liquid Fuel Pump	WP						J	Solar Turbotronic
K-701B								*01	51481B-149555
P-739B-M1	K-701B Main Liquid Fuel Pump Motor	WP	5.5kW	585	456			M	
K-701B			kW	300				E	51481B-149555
P-740B	K-701B Pre/Post Lube Oil Pump	WP						*01	51481B-149555
K-701B								M	
P-740B-M1	Pre/Post Lube Oil Pump Motor	WP	4kW	500	362	57	57	*01	51481B-149555
K-701B			kW	250				E	
P-741B	K-701A DC Backup Lube Oil Pump	WP						*01	51481B-149555
K-701B								M	
P-741B-M1	DC Backup Lube Oil Pump Motor	WP	1,1kW	521	337	82	82	*01	51481B-149555
K-701B			kW	420				E	
P-742B	K-701B Liquid Fuel Booster Pump	WP						*01	*NA
K-701B								M	
P-742B-M1	K-701B Liquid Fuel Booster Motor	WP	,75kW	354	305	22	22	*01	*NA
K-701B			kW	200				E	
WI-708B	K-701B Turbotronic UCP cabinet	WP	1kW	1448	2285	635	635	*01	*NA
K-701B			1kW	800				J	Solar Turbotronic
X-737B	K-701B Turbine Enclosure Ventilation Fan	WP						*01	*NA
K-701B								M	
X-737B-M1	K-701B enclosure vent fan motor no. 1	WP	5.5kW					*01	*NA
K-701B			kW					E	
X-738B	K-701B Turbine Enclosure St. By. Vent. Fan	WP						*01	*NA
K-701B								M	
X-738B-M1	K-701B turbine enclosure stand-by vent. fan motor	WP	5.5kW					*01	*NA
K-701B			kW					E	

EQ Tag	Description	Area	Duty Rated Operating	Size		Weight		PO No	P&ID
				Length Width	Height Diameter	Dry	Operat.		
X-749B	Inergen cabinet B	WP				445	721	*01	*NA
K-701B								M	Located outside of EQM
X-791B-M1	K-701B GT Starting Motor	WP	75kW	730	626	345	345	*01	*NA
K-701B			kW	406				E	
X-791B-U1	K-701B GT Starting Motor Frequency Converter	WP		500	1000	98	98	*01	*NA
K-701B				320				E	
WC-713	Telecomms. field termination cabinet	WP		400	250	4	4		*NA
WI-709	Instrument marshalling cabinet	WP		155				T	Telephones and speakers termination cabinet in NLER
WI-710	NLER PCS nodes 26 & 27 cabinet	WP		1258	2280	320	320	E01	*NA
WI-711	Field instrument interface cabinet to K-701A&B UCPS	WP		816				J	Termination cabinet for ABB Master field instruments & detectors
X-702	Gas Metering Package	WP		750	2300	300	300		*NA
WI-707	Gas metering UCP cabinet	WP		650				J	ABB master node cabinet
X-702				858	2280	180	180	E01	*NA
X-703A	K-701A Fuel Gas Filter Scrubber	WP		616				J	Termination cabinet for Turbotronic field instruments
X-703B	K-701B Fuel Gas Filter Scrubber	WP		9500	5535	39600	39835	*03	W-PI-032
X-704A	K-701A Nitrogen Generation Package	WP		4000				M	
X-704B	K-701B Nitrogen Generation Package	WP		1200	2100	450	450	*03	*NA
				800				J	
				1080	3024	1043	1043	*04	W-PI-036
				972				M	
				1080	3024	1043	1043	*04	W-PI-036
				972				M	
				1600	2165	500	500	*06	W-PI-039
				700				M	
				1600	2165	500	500	*06	W-PI-039
				700				M	

EQ Tag	Description	Area	Duty Rated Operating	Size		Weight		PO		P&ID Remarks
				Length Width	Height Diameter	Dry	Operat.	No	Disc	
X-750	New Local Equipment Room	WP		11400	4500	25250	25250	N01	M	*NA
VAF-7017	NLER HVAC Primary Filter Air Handling Unit A	WP		380	610			N01	M	AB/2908-5-4000
X-750				610				M		
VAF-7018	NLER HVAC Primary Filter Air Handling Unit B	WP		380	610			N01	M	AB/2908-5-4000
X-750				610				M		
VAF-7019	NLER HVAC Secondary Filter Air Handling Unit A	WP		915	610			N01	M	AB/2908-5-4000
X-750				610				M		
VAF-7020	NLER HVAC Secondary Filter Air Handling Unit B	WP		915	610			N01	M	AB/2908-5-4000
X-750				610				M		
VB-7009	NLER HVAC Volume Control Damper Air Inlet Main Power Distribution Room	WP		400	400	18		N01	M	AB/2908-5-4000
X-750								M		
VB-7010	NLER HVAC Volume Control Damper Air Inlet Emergency Power Distribution Room	WP		400	400	18		N01	M	AB/2908-5-4000
X-750								M		
VB-7011	NLER HVAC Volume Control Damper Air Relief Main Power Distribution Room	WP		500	500	23		N01	M	AB/2908-5-4000
X-750								M		
VB-7012	NLER HVAC Volume Control Damper Air Relief Emergency Power Distribution Room	WP		500	500	23		N01	M	AB/2908-5-4000
X-750								M		
VBD-7021	NLER HVAC Back Flow Damper Air Handling Unit A	WP		360	360			N01	M	AB/2908-5-4000
X-750								M		
VBD-7022	NLER HVAC Back Flow Damper Air Handling Unit B	WP		360	360			N01	M	AB/2908-5-4000
X-750								M		
VCF-7015	NLER HVAC Two Stage Coalescher Air Handling Unit A	WP		750	750			N01	M	AB/2908-5-4000
X-750				38				M		
VCF-7016	NLER HVAC Two Stage Coalescher Air Handling Unit B	WP		750	750			N01	M	AB/2908-5-4000
X-750				38				M		
VCP-7003	NLER HVAC control panel	WP		500	1400	400	400	N01	M	*NA
X-750				250				J		
VFD-7004	NLER HVAC Fire Damper Air Relief Main Power Distribution Room	WP		500	500	52		N01	M	AB/2908-5-4000
X-750								M		

EQ Tag Main Tag	Description	Area	Duty Rated Operating	Size		Weight		PO		P&ID Remarks
				Length Width	Height Diameter	Dry	Operat.	No	Disc	
VFD-7005 X-750	NLER HVAC Fire Damper Air Inlet Main Power Distribution Room	WP		400	400	44		N01	M	AB/2908-5-4000
VFD-7006 X-750	NLER HVAC Fire Damper Air Inlet Emergency Power Distribution Room	WP		400	400	44		N01	M	AB/2908-5-4000
VFD-7008 X-750	NLER HVAC Fire Damper Air Relief Emergency Power Distribution Room	WP		500	500	52		N01	M	AB/2908-5-4000
VRD-7023 X-750	NLER HVAC Air Relief Pressure Control Damper Main Power Distribution Room	WP		500	500	24		N01	M	AB/2908-5-4000
VRD-7024 X-750	NLER HVAC Air Relief Pressure Control Damper Emergency Power Distribution Room	WP		500	500	24		N01	M	AB/2908-5-4000
VSF-7000 X-750	NLER HVAC System	WP						N01	M	AB/2908-5-4000
VSF-7001 X-750	NLER HVAC Fan Air Handling Unit A	WP				23		N01	M	AB/2908-5-4000
VSF-7001-H1 X-750	NLER HVAC heater main power distribution room	WP	16kW	550	550	41		N01	M	AB/2908-5-4000
VSF-7001-M1 X-750	NLER HVAC fan motor air handling unit A	WP	4,6kW 2,47kW	428 226	350	51	51	N01	E	AB/2908-5-4000
VSF-7002 X-750	NLER HVAC Fan Air Handling Unit B	WP				23		N01	M	AB/2908-5-4000
VSF-7002-H1 X-750	NLER HVAC heater emergency power distribution room	WP	16kW	550	550	41		N01	M	AB/2908-5-4000
VSF-7002-M1 X-750	NLER HVAC fan motor air handling unit B	WP	4,6kW 2,47kW	428 226	350	51	51	N01	E	AB/2908-5-4000
VSS-7027 X-750	NLER HVAC Air Inlet Sound Attenuator Main Power Distribution Room	WP		400	400	55		N01	M	AB/2908-5-4000
VSS-7028 X-750	NLER HVAC Air Inlet Sound Attenuator Emergency Power Distribution Room	WP		400	400	55		N01	M	AB/2908-5-4000
VWL-7013 X-750	NLER HVAC Weather Louver Air Handling Unit A	WP		750	750			N01	M	AB/2908-5-4000

EQ Tag Main Tag	Description	Area	Duty Rated Operating	Size		Weight		PO No Disc	P&ID Remarks
				Length Width	Height Diameter	Dry	Operat.		
VWL-7014 X-750	NLER HVAC Weather Louver Air Handling Unit B	WP		750 200	750			N01 M	AB/2908-5-4000
VWL-7025 X-750	NLER HVAC Air Relief Weather Louver Main Power Distribution Room	WP		500	500	21		N01 M	AB/2908-5-4000
VWL-7026 X-750	NLER HVAC Air Relief Weather Louver Emergency Power Distribution Room	WP		500	500	21		N01 M	AB/2908-5-4000
VX-7000A X-750	NLER HVAC Air Handling Unit A	WP		3600 900	1000	550	550	N01 M	AB/2908-5-4000
VX-7000B X-750	NLER HVAC Air Handling Unit B	WP		3600 900	1000	550	550	N01 M	AB/2908-5-4000

EQ Tag	Description	Area	Duty Rated Operating	Size			Weight		PO No	P&ID	Remarks
				Length Width	Height Diameter	Dry	Operat.	Disc			
X-780	Hydraulic Power Unit	WP	kW	2018	2234	2550	2900	M01	ST3273-PID-001-01		
P-780A	HPU Hydraulic Power Pump	WP	kW	1000				M			
X-780				136,5		6,8		M01	ST3273-PID-001-01		
P-780A-M1	HPU Hydraulic Pump Motor	WP	3,45kW	426	350	51	51	M01	ST3273-PID-001-01		
X-780			kW	250				E			
P-780B	HPU Hydraulic Power Pump	WP		136,5		6,8		M01	ST3273-PID-001-01		
X-780					224			M			
P-780B-M1	HPU Hydraulic Pump Motor	WP	3,45kW	426	350	51	51	M01	ST3273-PID-001-01		
X-780			kW	250				E			
P-781	HPU Manual Hydraulic Pump	WP						M01	ST3273-PID-001-01		
X-780								M			
V-780A	HPU Pressure Accumulator	WP		1610		205		M01	ST3273-PID-001-01		
X-780					230			M			
V-780B	HPU Pressure Accumulator	WP		1610		205		M01	ST3273-PID-001-01		
X-780					230			M			
V-780C	HPU Pressure Accumulator	WP		1610		205		M01	ST3273-PID-001-01		
X-780					230			M			
V-780D	HPU Pressure Accumulator	WP		1610		205		M01	ST3273-PID-001-01		
X-780					230			M			
X-778A	HPU Hydraulic Fluid Return Filter	WP				2,8		M01	ST3273-PID-001-01		
X-780								M			
X-778B	HPU Hydraulic Fluid Return Filter	WP				2,8		M01	ST3273-PID-001-01		
X-780								M			
X-779A	HPU Hydraulic Fluid Pressure Filter	WP				5,5		M01	ST3273-PID-001-01		
X-780								M			
X-779B	HPU Hydraulic Fluid Pressure Filter	WP				5,5		M01	ST3273-PID-001-01		
X-780								M			
X-792	Safety station cabinet, compressor deck	WP	2kW	870	2365	125	125	S02			
			kW	760				X			

EQ Tag Main Tag	Description	Area	Duty Rated Operating	Size			Weight		PO No	P&ID Remarks
				Length Width	Height Diameter	Dry	Operat.			
X-793	Safety Station Cabinet, Equipment Deck	WP	,2kW kW	870 760	2365	125	125	S02 X		
X-794	Hose Reel Cabinet, SE corner on Compressor Deck	WP	,1kW kW	800 330	800	112	112	S02 X		
X-795	Hose Reel Cabinet, east on Equipment Deck	WP	,1kW kW	800 330	800	112	112	S02 X		
X-796	Hose Reel Cabinet, west on Equipment Deck	WP	,1kW kW	800 330	800	112	112	S02 X		
Sum weight for Master Equipment List:								192115	201399	