

Equipment List – Appendix A

The Hamm Institute for American Energy

Location – 300 NE 9th Street, OKC, OK 73104

SERVICE INTERVAL TABLE

	Yearly	Quarterly	Monthly	Weekly	Daily Log
DDC Controls	XX	XX	XX	XX	XX
Chillers	XX	XX			XX
Cooling Towers	XX	XX	XX		XX
Boilers	XX	XX			XX
CHW/HW Pumps	XX	XX			XX
Air Handling Units	XX	XX	XX	XX	XX
Fan Coils	XX	XX	XX		XX
CRAC Units	XX	XX			XX
VAV Boxes	XX				XX
VRF	XX				XX
Water Softner	XX		XX		XX
Exhaust Fans	XX	XX			XX
Make Up Fans	XX	XX			XX
Domestic Water Heaters	XX	XX	XX		XX

EQUIPMENT LIST

Unit ID	Make	Model	SN	Size	Location
AHU-1	TRANE	Climate changer CSAA003	K15D25965	5 HP	2 nd
AHU-2	TRANE	Climate changer CSAA004	K15C22688	5 HP	1 st
AHU-3	TRANE	Climate changer CSAA021	K15C22696	10 HP	1 st
AHU-4	TRANE	Climate changer CSAA040	K15E44729	20 HP	2 nd
AHU-5	TRANE	Climate changer CSAA057	K15E44703	20 HP	2 nd
AHU-6	TRANE	Climate changer CSAA080	K15E44715	20 HP	Roof
AHU-7	TRANE	Climate changer CSAA080	K15C22660	20 HP	2 nd
B-1	AERCO	Benchmark3000	G-15-1223	3,000 btu	Boiler room
B-2	AERCO	Benchmark3000	G-15-1224	3,000 btu	Boiler room
B-3	AERCO	Benchmark3000	G-15-1225	3,000 btu	Boiler room
CAF-1	GREENHECK	MUB24H-460-3	E11232015-1	4 HP	Boiler room
MUA-1	GREENHECK	BSQ-180-30	14387719	3 HP	Chiller room
CH-1	TRANE	CVHFD 570	L15F37312	650 tons	Chiller room
CHWP-1	TACO	SD060050-5	C1504211262	40 HP	Chiller room
CHWP-2	TACO	SD060050-5	C1504211232	40 HP	Chiller room
CHWP-3	TACO	SD060050-5	C1504211317	40 HP	Chiller room
CRAC-1	LIEBERT	MMD96E/PH096A	Y15HBI0133	7.5 tons	Comp Room
CRAC-2	LIEBERT	MMD96E/PH096A	Y15HBI0124	7.5 tons	Comp Room
CRAC-3	LIEBERT	MMD96E/PH096A	Y15HBI0113	7.5 tons	Comp Room

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CRAC-4	LIEBERT	MMD96E/PH096A	Y15HBI0147	7.5 tons	Comp Room
CT-1	BAC	3728C-0M-2/0	U150932904-01-01	650 tons	Roof
CT-2	BAC	3728C-0M-2/0	U150932904-01-01	650 tons	Roof
CWP-1	TACO	SD080050-5	C1504201067	50 HP	Chiller room
CWP-2	TACO	SD080050-5	C1504201052	50 HP	Chiller room
CWP-3	TACO	SD080050-5	C1504201047	50 HP	Chiller room
EF-1	GREENHECK			3 HP	Roof
EF-2	GREENHECK			3 HP	Roof
EF-3	GREENHECK			3 HP	Roof
EF-4	GREENHECK			3 HP	Roof
EF-5	GREENHECK			3 HP	Roof
EF-6	GREENHECK			3 HP	Roof
EF-7	GREENHECK			3 HP	Roof
ERP-1	TACO	KV1507AE2KCC559M			2 ND
FCU-1	TRANE	BCH054G2J0A3FL4E000000B05ED2000NB0100	T15F37312	1 HP	Chiller room
FCU-2	TRANE	BCH054G2J0A3GL3E00000030580280200030100	T15F37313	.75 HP	Boiler room
HWP-1	TACO	SD040025-5	F1503316371	10 HP	Boiler room
HWP-2	TACO	SD040025-5	F1503316372	10 HP	Boiler room
HWP-3	TACO	SD040025-5	F1505136400	10 HP	Boiler room
RH-1	TACO				
RH-2	TACO				
RH-3	TACO				
Unit ID	Make	Model	SN	Size	Location
RH-4	TACO				
RH-5	TACO				
SEF-1	GREENHECK			10 HP	Roof
SEF-2	GREENHECK			10 HP	Roof
SEF-3	GREENHECK			10 HP	Roof
SEF-4	GREENHECK			10 HP	Roof
SAV-8	Phoenix				1 st floor
EAV-10	Phoenix				1st floor
DWH-1		SNR126-065	3215101847297	68/66 G	Boiler room
DWH-2		SNR126-065	3215101847296	68/66 G	Boiler room
EER 1	Vektor	ERS-020-075-MH222	MH-229-100-22		Roof
ERC 1		CSAA021UAL00	K15J78515		2 nd
SS 1		4001331-083	2195	15 HP	Roof
WS	CULLIGAN	WATER SOFNER	NA	NA	Mechanical

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VAV TAG	Type/Size	Floor	AHU	Drawing
1-1	VVR-10	1st	AHU-1	M1.01A
1-2	VVR--6	1st	AHU-1	M1.01A
2-1	VVR-10	1st	AHU-2	M1.01B
2-2	VVR-10	1st	AHU-2	M1.01B
3-1	VVR-12	1st	AHU-3	M1.01B
3-2	CVR-12	1st	AHU-3	M1.01B
3-3	VVR-10	1st	AHU-3	M1.01B
3-4	VVR-16	1st	AHU-3	M1.01B
3-5	VVR-12	1st	AHU-3	M1.01B
3-6	VVR-12	1st	AHU-3	M1.01B
4-1				
4-2				
4-3	VVR-24	2nd	AHU-4	M1.02A
4-4	VVR-24	2nd	AHU-4	M1.02A
4-5	VVR-24	2nd	AHU-4	M1.02A
4-6	VVR-24	2nd	AHU-4	M1.02A
5-1				
5-2	CVR-12	1st	AHU-5	M1.01A
5-3				
5-4	VVR-8	1st	AHU-5	M1.01A
5-5	VVR-8	1st	AHU-5	M1.01A
5-6	VVR-10	1st	AHU-5	M1.01A
5-7	VVR-8	1st	AHU-5	M1.01A
5-8	VVR-10	1st	AHU-5	M1.01A
5-9	VVR-6	1st	AHU-5	M1.01A
5-10	CVR-10	2nd	AHU-5	M1.02A
5-11	VVR-8	2nd	AHU-5	M1.02A
5-12	VVR-12	2nd	AHU-5	M1.02B
5-13	VVR-10	3rd	AHU-5	M1.03A
5-14	VVR-10	3rd	AHU-5	M1.03A
5-15	VVR-10	3rd	AHU-5	M1.03A
5-16	VVR-12	3rd	AHU-5	M1.03A
5-17	VVR-10	3rd	AHU-5	M1.03A
5-18	VVR-10	3rd	AHU-5	M1.03A
5-19	VVR-8	3rd	AHU-5	M1.03A
5-20	VVR-10	3rd	AHU-5	M1.03A
5-21	VVR-12	3rd	AHU-5	M1.03A
5-22	VVR-10	3rd	AHU-5	M1.03A
VAV TAG	Type/Size	Floor	AHU	Drawing
5-23	VVR-6	3rd	AHU-5	M1.03A
5-24	VVR-12	3rd	AHU-5	M1.03A
5-25	VVR-12	3rd	AHU-5	M1.03A
5-26	VVR-10	3rd	AHU-5	M1.03A
5-27	VVR-10	3rd	AHU-5	M1.03A
5-28	VVR-12	3rd	AHU-5	M1.03A
5-29	VVR-10	3rd	AHU-5	M1.03A

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5-30	VVR-8	3rd	AHU-5	M1.03A
5-31	VVR-8	3rd	AHU-5	M1.03A
5-32	VVR-10	3rd	AHU-5	M1.03A
5-33	CVR-10	3rd	AHU-5	M1.03A
5-34	VVR-12	3rd	AHU-5	M1.03A
5-35	VVR-8	3rd	AHU-5	M1.03B
6-1	VVR-8	4th	AHU-6	M1.04A
6-2	VVR-10	4th	AHU-6	M1.04A
6-3	VVR-6	4th	AHU-6	M1.04A
6-4	VVR-6	4th	AHU-6	M1.04A
6-5	VVR-8	4th	AHU-6	M1.04A
6-6	VVR-6	4th	AHU-6	M1.04A
6-7	VVR-14	4th	AHU-6	M1.04A
6-8	VVR-6	4th	AHU-6	M1.04A
6-9	VVR-6	4th	AHU-6	M1.04A
6-10	VVR-10	4th	AHU-6	M1.04A
6-11	VVR-14	4th	AHU-6	M1.04A
6-12	VVR-12	4th	AHU-6	M1.04A
6-13	VVR-12	4th	AHU-6	M1.04A
6-14	VVR-6	4th	AHU-6	M1.04A
6-15	VVR-6	4th	AHU-6	M1.04A
6-16	VVR-8	4th	AHU-6	M1.04A
6-17	VVR-12	4th	AHU-6	M1.04A
6-18	VVR-10	4th	AHU-6	M1.04A
6-19	VVR-12	4th	AHU-6	M1.04A
6-20	VVR-8	4th	AHU-6	M1.04A
6-21	CVR-12	4th	AHU-6	M1.04A
6-22	VVR-6	4th	AHU-6	M1.04B
6-23	CVR-16	4th	AHU-6	M1.04B
6-24	VVR-4	4th	AHU-6	M1.04B
6-25	VVR-10	5th	AHU-6	M1.05A
6-26	VVR-8	5th	AHU-6	M1.05A
6-27	VVR-10	5th	AHU-6	M1.05A
6-28	VVR-14	5th	AHU-6	M1.05A
6-29	VVR-10	5th	AHU-6	M1.05A
6-30	VVR-6	5th	AHU-6	M1.05A
VAV TAG	Type/Size	Floor	AHU	Drawing
6-31	VVR-6	5th	AHU-6	M1.05A
6-32	VVR-6	5th	AHU-6	M1.05A
6-33	VVR-10	5th	AHU-6	M1.05A
6-34	VVR-14	5th	AHU-6	M1.05A
6-35	VVR-12	5th	AHU-6	M1.05A
6-36	VVR-14	5th	AHU-6	M1.05A
6-37	VVR-6	5th	AHU-6	M1.05A
6-38	VVR-6	5th	AHU-6	M1.05A
6-39	VVR-8	5th	AHU-6	M1.05A
6-40	VVR-6	5th	AHU-6	M1.05A

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6-41	VVR10	5th	AHU-6	M1.05A
6-42	VVR10	5th	AHU-6	M1.05A
6-43	VVR-6	5th	AHU-6	M1.05A
6-44	VVR-14	5th	AHU-6	M1.05A
6-45	VVR-6	5th	AHU-6	M1.05A
6-46	VVR-10	5th	AHU-6	M1.05A
6-47	CVR-10	5th	AHU-6	M1.05A
6-48	VVR10	5th	AHU-6	M1.05B
6-49	VVR-14	5th	AHU-6	M1.05B
6-50	VVR-14	5th	AHU-6	M1.05B
6-51	VVR-16	5th	AHU-6	M1.05B
6-52	VVR-12	5th	AHU-6	M1.05B
6-53	VVR-14	5th	AHU-6	M1.05B
7-1	CVR-14	1st	AHU-7	M10.1B
7-2	CVR-12	1st	AHU-7	M10.1B
7-3	CVR-16	1st	AHU-7	M10.1B
7-4	VVR-16	3rd	AHU-7	M1.03B
7-5	VVR-24	3rd	AHU-7	M1.03B
7-6	VVR-24	3rd	AHU-7	M1.03B
7-7	VVR-24	3rd	AHU-7	M1.03B
7-8	VVR-24	3rd	AHU-7	M1.03B
7-9	VVR-24	3rd	AHU-7	M1.03B
VRF TAG	ACCU#	VFR#	Location	Drawing
ACCU-1	4TVR0096B400NB	Position	Roof	M7.02B
VRF-4	ACCU-1	1	409-Elec	M7.02B
VRF-5	ACCU-1	2	509-Elec	M7.02B
VRF-8	ACCU-1	3	310-IDF	M7.02B
VRF-9	ACCU-1	4	410-IDF	M7.02B
VRF-10	ACCU-1	5	510-IDF	M7.02B
ACCU-2	4TVR0120B400NB	Position	Roof	M7.02B
VRF-3	ACCU-2	1	309-Elec	M7.02B
VRF-2A	ACCU-2	2	209-Elec	M7.02B
VRF-2B	ACCU-2	3	209-IDF	M7.02B
VRF-7	ACCU-2	4	210-IDF	M7.02B
VRF-6	ACCU-2	5	110-Tele	M7.02B
VRF-1	ACCU-2	6	109-Elec	M7.02B
ACCU-3	4TVR0144B400NB	Position	Roof	M7.02B
VRF-19	ACCU-3	1	450-Elec	M7.02B
VRF-17	ACCU-3	2	350-Elec	M7.02B
VRF-18	ACCU-3	3	351-Storage	M7.02B
VRF-15	ACCU-3	4	250-Elec	M7.02B
VRF-16	ACCU-3	5	251-Storage	M7.02B
VRF-11	ACCU-3	6	145-Elec	M7.02B
VRF-12	ACCU-3	7	145-Elec	M7.02B
VRF-13	ACCU-3	8	150-Pump	M7.02B
VRF-14	ACCU-3	9	149-Corridor	M7.02B