

Summary of Predicted Noise Level

NAP	Level	Predicted Fixed Noise Level (dB(A))	Criteria (dB(A)) (Daytime)	Criteria (dB(A)) (Evening)	Criteria (dB(A)) (Nighttime)	Compliance (Daytime)	Compliance (Evening)	Compliance (Nighttime)
NAP 101	G/F	44	58	57	50	Y	Y	Y
	1/F	44	58	57	50	Y	Y	Y
NAP 102	G/F	44	58	57	50	Y	Y	Y
	1/F	44	58	57	50	Y	Y	Y
NAP 201	G/F	42	58	57	50	Y	Y	Y
	1/F	42	58	57	50	Y	Y	Y
NAP 301	1/F	34	60	60	50	Y	Y	Y
	7/F	35	60	60	50	Y	Y	Y
	14/F	37	60	60	50	Y	Y	Y
NAP 401	1/F	38	60	60	50	Y	Y	Y
	6/F	41	60	60	50	Y	Y	Y
	13/F	42	60	60	50	Y	Y	Y
NAP 501	1/F	46	60	60	50	Y	Y	Y
	6/F	47	60	60	50	Y	Y	Y
	13/F	49	60	60	50	Y	Y	Y
NAP 601	1/F	49	60	60	50	Y	Y	Y
	6/F	50	60	60	50	Y	Y	Y
	13/F	47	60	60	50	Y	Y	Y
NAP 701	G/F	36	58	57	50	Y	Y	Y
	3/F	37	58	57	50	Y	Y	Y
	6/F	37	58	57	50	Y	Y	Y

Summary of Fixed Plant

Noise Type	Source ID	Items	Plant Room ID / Activity ID	Plant Rooms	Maximum Allowable SWL, dB(A)	Daytime and Night-time				X Coordinate	Y Coordinate	Elevation	
						Quantity/ Max concurrent works, nos.	Percentage on-time over 30 mins	Correction for tonality, dB(A)	Correction for impulsiveness, dB(A)				Correction for intermittency, dB(A)
Cooling Tower, Pump, Chiller, VRV	S1	CT	RF-CT-1 to2	Cooling Tower	80	2	100%	0	0	0	835905.3	818079.9	45
	S2	PAUOU-G&M-01	RF-PAU-1 to 4	VRV	68	4	100%	0	0	0	835921.8	818067.7	45
	S3	YOU-G&M-01	RF-YOU-1 to 6	VRV	68	6	100%	0	0	0	835921.8	818067.7	45
	S4	Water Cooled Chiller	3F-Chiller-1 to 2	Water Cooled Chiller	72	2	100%	0	0	0	835920.6	818069.5	40.2
	S5	Water Cooled Chiller	3F-Pump-1 to 4	Water Cooled Chiller	72	4	100%	0	0	0	835920.6	818069.5	40.2
	S6	PAU	3F-PAU-1	PAU	72	1	100%	0	0	0	835926.6	818064.4	40.2
	S7	PAU	2F-PAU-1	PAU	72	1	100%	0	0	0	835913.0	818061.8	36.9
	S8	PAU	U1F-PAU-1	PAU	72	1	100%	0	0	0	835907.4	818058.7	33.8
	S9	PAU	MF-PAU-1	PAU	72	1	100%	0	0	0	835908.7	818061.9	27.6
	S10	Pump	MF-Pump-1 to 2	AC Water Pump Room	72	2	100%	0	0	0	835911.1	818068.7	27.6
	S11	Pump	GF-Pump-1 to 8	Potable / Flushing/ Cleansing/ Irrigation Pump Room	72	8	100%	0	0	0	835912.7	818076.5	24.5
Exhaust Fan	S12	Exhaust Fan	RF-EAF-1	Generator Room (FSI)	68	1	100%	0	0	0	835905.2	818058.5	45
	S13	Exhaust Fan	RF-EAF-2	Generator Room (Non-FSI)	68	1	100%	0	0	0	835914.7	818090.1	45
	S14	Exhaust Fan	RF-EAF-3	MCC	68	1	100%	0	0	0	835915.3	818060.4	45
	S15	Exhaust Fan	RF-EAF-4 to 5	ELV	68	2	100%	0	0	0	835903.3	818058.1	45
	S16	Exhaust Fan	RF-EAF-6	PVCR	68	1	100%	0	0	0	835903.3	818058.1	45
	S17	Exhaust Fan	3F-EAF-1	Water Cooled Chiller	68	1	100%	0	0	0	835914.3	818060.2	40.2
	S18	Exhaust Fan	3F-EAF-2	PAU	68	1	100%	0	0	0	835929.6	818063.3	40.2
	S19	Exhaust Fan	3F-EAF-3 to 6	ELEC	68	2	100%	0	0	0	835907.8	818056.9	40.2
	S20	Exhaust Fan	3F-EAF-7 to 10	SHOWER	68	2	100%	0	0	0	835911.1	818057.6	40.2
	S21	Exhaust Fan	2F-EAF-1	PAU	68	1	100%	0	0	0	835916.1	818060.6	36.9
	S22	Exhaust Fan	2F-EAF-2 to 5	ELV	68	2	100%	0	0	0	835907.6	818056.8	36.9
	S23	Exhaust Fan	2F-EAF-6 to 7	M LAV	68	2	100%	0	0	0	835910.7	818057.5	36.9
	S24	Exhaust Fan	U1F-EAF-1	PAU	68	1	100%	0	0	0	835906.7	818061.6	33.8
	S25	Exhaust Fan	1F-EAF-1 to 5	ELV	68	2	100%	0	0	0	835896.9	818065.9	30.7
	S26	Exhaust Fan	1F-EAF-6 to 8	PANTRY	68	3	100%	0	0	0	835903.8	818088.3	30.7
	S27	Exhaust Fan	1F-EAF-9	CALIBRATION LABORATORY	68	1	100%	0	0	0	835936.5	818072.2	30.7
	S28	Exhaust Fan	MF-EAF-1, 3 to 7	Sprinkler Pump & Tank	68	3	100%	0	0	0	835896.6	818066.3	27.6
	S29	Exhaust Fan	MF-EAF-2	PAU	68	1	100%	0	0	0	835912.0	818059.8	27.6
	S30	Exhaust Fan	MF-EAF-8	Electronic Workshop	68	1	100%	0	0	0	835936.5	818072.2	27.6
	S31	Exhaust Fan	GF-EAF-1 to 4, 7	ELV	68	2	100%	0	0	0	835908.0	818058.8	24.5
	S32	Exhaust Fan	GF-EAF-5,9	Battery Room	68	2	100%	0	0	0	835942.3	818087.2	24.5
	S33	Exhaust Fan	GF-EAF-6	TBE Room	68	1	100%	0	0	0	835943.0	818084.0	24.5
	S34	Exhaust Fan	GF-EAF-8	Electronic workshop	68	1	100%	0	0	0	835937.1	818072.7	24.5
	S35	Exhaust Fan	GF-EAF-10 to 11	AT	68	2	100%	0	0	0	835929.9	818081.3	24.5
	S36	Exhaust Fan	GF-EAF-12 to 13	Pantry	68	2	100%	0	0	0	835930.7	818077.4	24.5
	S37	Exhaust Fan	GF-EAF-14	RS&MRC	68	1	100%	0	0	0	835894.3	818056.0	24.5
S38	Exhaust Fan	GF-EAF-15	EVCR	68	1	100%	0	0	0	835896.3	818056.4	24.5	

Remark:

- [1] A correction of -10 dB(A) was adopted if the external louvres and fixed plant were totally screened by barriers or buildings outside the project or building structures of the project.
- [2] Correction Factor for quantity= 10 log (quantity)
- [3] Distance correction for SWL= 20 log (distance) + 8
- [4] Correction for percentage on-time over 30 mins = 10 log (on-time %)
- [5] Detailed design of the plant rooms is not yet available at this stage.
- [6] The maximum allowable SWLs for louvres/ equipment were determined by adopting standard acoustics principles. The following formula was used for calculating the SPLs at NSRs =
 $SPL = \text{Max SWL} + DC + FC + BC + OC + TC + IMC + INTC$
 SPL Sound Pressure Level (dB(A))
 Max SWL Maximum allowable Sound Power Level (dB(A))
 DC Distance Attenuation (dB(A))
 FC Façade Correction (dB(A))
 BC Barrier Correction (dB(A))
 OC Percentage on-time Correction (dB(A))
 TC Correction for Tonality (dB(A))
 IMC Correction for Impulsiveness (dB(A))
 INTC Correction for Intermittency (dB(A))
- [7] The SWL of the equipment shall not exceed the specified Maximum Allowable SWL in order to achieve the noise criteria. Acoustic treatment would be installed as appropriate to achieve the required SWL.
- [8] All maximum allowable SWLs are rounded to the nearest whole dB(A).
- [9] As the maximum allowable SWLs were adopted, which the SWL of each equipment may be lower in actual case. The predicted noise level represents a conservative estimation.

Summary of Noise Assessment Point

NAP ID	x-coor	y-coor	Elevation
NAP101_1_GF	835890	818102	32
NAP101_2_1F	835890	818102	38
NAP102_1_GF	835877	818095	32
NAP102_2_1F	835877	818095	38
NAP201_1_GF	835956	818111	32
NAP201_2_1F	835956	818111	38
NAP301_1_1F	836024	818085	22
NAP301_2_7F	836024	818085	38
NAP301_3_14F	836024	818085	60
NAP401_1_1F	835994	818062	22.5
NAP401_2_6F	835994	818062	38
NAP401_3_13F	835994	818062	61
NAP501_1_1F	835940	818049	23
NAP501_2_6F	835940	818049	37
NAP501_3_13F	835940	818049	59
NAP601_1_1F	835896	818041	23
NAP601_2_6F	835896	818041	36.5
NAP601_3_13F	835896	818041	58
NAP701_1_GF	835829	818102	20
NAP701_2_3F	835829	818102	32
NAP701_3_6F	835829	818102	44

NAP ID	Room	Source ID	Identified Noise Sources	Quantity / Max concurrent works, nos.	Maximum Allowable SWL, dB(A)	Percentage on time over 30 mins	Horizontal Distance, m	Start Distance, m	Distance Attenuation, dB(A)	Overall Barrier Correction, dB(A)	Facade Correction, dB(A)	Correction for Tonality, dB(A)	Correction for Impulsiveness, dB(A)	Correction for Interimness, dB(A)	Correction for Quantity, dB(A)	Percentage On-time Correction, dB(A)	Predicted Noise Level, dB(A)	Resultant SPL, Log(30mins), dB(A)	
NAP 101_G	Cooling Tower	S1	CT	2	80	100%	27.2	30.1	-37.6	-10	3	0	0	0	3	0	38.4	44	
NAP 101_G	VRV	S2	PAUDU-GAM-01	4	68	100%	47.2	48.9	-41.8	-10	3	0	0	0	6	0	25.2		
NAP 101_G	VRV	S3	YDU-GAM-01	6	68	100%	47.2	48.9	-41.8	-10	3	0	0	0	8	0	27.0		
NAP 101_G	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	45.1	45.8	-41.2	-10	3	0	0	0	3	0	26.8		
NAP 101_G	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	45.1	45.8	-41.2	-10	3	0	0	0	6	0	29.8		
NAP 101_G	PAU	S6	PAU	1	72	100%	45.1	45.8	-41.2	-10	3	0	0	0	0	0	23.8		
NAP 101_G	PAU	S7	PAU	1	72	100%	45.1	45.8	-41.2	-10	3	0	0	0	0	0	23.8		
NAP 101_G	PAU	S8	PAU	1	72	100%	45.1	45.8	-41.2	-10	3	0	0	0	0	0	23.8		
NAP 101_G	PAU	S9	PAU	1	72	100%	45.1	45.8	-41.2	-10	3	0	0	0	0	0	23.8		
NAP 101_G	AC Water Pump Room	S10	Pump	2	72	100%	39.8	40.0	-40	-10	3	0	0	0	3	0	26.0		
NAP 101_G	Portable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	39.8	39.9	-40	-10	3	0	0	0	9	0	34.0		
NAP 101_G	Generator Room (FSI)	S12	Exhaust Fan	1	68	100%	46.3	46.1	-41.6	-10	3	0	0	0	0	0	19.4		
NAP 101_G	Generator Room (Non-FSI)	S13	Exhaust Fan	1	68	100%	27.8	30.7	-37.7	-10	3	0	0	0	0	0	23.3		
NAP 101_G	MCC	S14	Exhaust Fan	1	68	100%	27.8	30.7	-37.7	-10	3	0	0	0	0	0	23.3		
NAP 101_G	ELV	S15	Exhaust Fan	2	68	100%	27.8	30.7	-37.7	-10	3	0	0	0	3	0	26.3		
NAP 101_G	PVCR	S16	Exhaust Fan	1	68	100%	46.1	47.9	-41.6	-10	3	0	0	0	0	0	29.4		
NAP 101_G	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	48.6	49.3	-41.9	-10	3	0	0	0	0	0	19.1		
NAP 101_G	PAU	S18	Exhaust Fan	1	68	100%	48.6	49.3	-41.9	-10	3	0	0	0	0	0	19.1		
NAP 101_G	ELEC	S19	Exhaust Fan	2	68	100%	48.6	49.5	-41.9	-10	3	0	0	0	3	0	22.1		
NAP 101_G	SHOWER	S20	Exhaust Fan	2	68	100%	49.3	50.0	-42	-10	3	0	0	0	3	0	22.0		
NAP 101_G	PAU	S21	Exhaust Fan	1	68	100%	49.3	50.0	-42	-10	3	0	0	0	0	0	19.0		
NAP 101_G	ELV	S22	Exhaust Fan	2	68	100%	49.3	50.0	-42	-10	3	0	0	0	3	0	22.0		
NAP 101_G	M LRV	S23	Exhaust Fan	2	68	100%	49.4	49.7	-41.9	-10	3	0	0	0	3	0	22.1		
NAP 101_G	PAU	S24	Exhaust Fan	1	68	100%	44.1	44.1	-40.9	-10	3	0	0	0	0	0	20.1		
NAP 101_G	ELV	S25	Exhaust Fan	2	68	100%	44.1	44.1	-40.9	-10	3	0	0	0	3	0	23.1		
NAP 101_G	PANTRY	S26	Exhaust Fan	3	68	100%	44.1	44.1	-40.9	-10	3	0	0	0	5	0	34.9		
NAP 101_G	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	50.9	51.6	-42.3	-10	3	0	0	0	0	0	18.7		
NAP 101_G	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	36.5	36.8	-39.3	-10	3	0	0	0	5	0	26.2		
NAP 101_G	PAU	S29	Exhaust Fan	1	68	100%	47.9	48.1	-41.6	-10	3	0	0	0	0	0	19.4		
NAP 101_G	Electronic Workshop	S30	Exhaust Fan	1	68	100%	52.1	52.3	-42.4	-10	3	0	0	0	0	0	18.6		
NAP 101_G	ELV	S31	Exhaust Fan	2	68	100%	47.1	47.7	-41.6	-10	3	0	0	0	3	0	22.4		
NAP 101_G	Battery Room	S32	Exhaust Fan	2	68	100%	54.8	55.4	-42.9	-10	3	0	0	0	3	0	21.1		
NAP 101_G	TBE Room	S33	Exhaust Fan	1	68	100%	54.8	55.4	-42.9	-10	3	0	0	0	0	0	18.1		
NAP 101_G	Electronic workshop	S34	Exhaust Fan	1	68	100%	54.8	55.4	-42.9	-10	3	0	0	0	0	0	18.1		
NAP 101_G	AT	S35	Exhaust Fan	2	68	100%	45.4	46.0	-41.3	-10	3	0	0	0	3	0.0	0.0		
NAP 101_G	Parity	S36	Exhaust Fan	2	68	100%	48.0	48.6	-41.7	-10	3	0	0	0	3	0.0	0.0		
NAP 101_G	R/SAMRC	S37	Exhaust Fan	1	68	100%	46.4	47.0	-41.4	-10	3	0	0	0	0	0	0.0	19.6	
NAP 101_G	EVCR	S38	Exhaust Fan	1	68	100%	46.3	46.9	-41.4	-10	3	0	0	0	0	0	0.0	19.6	
NAP 101_1F	Cooling Tower	S1	CT	2	80	100%	27.2	28.1	-37.0	-10	3	0	0	0	3	0	39.0	44	
NAP 101_1F	VRV	S2	PAUDU-GAM-01	4	68	100%	47.2	47.7	-41.6	-10	3	0	0	0	6	0	25.4		
NAP 101_1F	VRV	S3	YDU-GAM-01	6	68	100%	47.2	47.7	-41.6	-10	3	0	0	0	8	0	27.2		
NAP 101_1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	45.1	45.1	-41.1	-10	3	0	0	0	3	0	26.9		
NAP 101_1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	45.1	45.1	-41.1	-10	3	0	0	0	6	0	29.9		
NAP 101_1F	PAU	S6	PAU	1	72	100%	45.1	45.1	-41.1	-10	3	0	0	0	0	0	23.9		
NAP 101_1F	PAU	S7	PAU	1	72	100%	45.1	45.1	-41.1	-10	3	0	0	0	0	0	23.9		
NAP 101_1F	PAU	S8	PAU	1	72	100%	45.1	45.1	-41.1	-10	3	0	0	0	0	0	23.9		
NAP 101_1F	AC Water Pump Room	S10	Pump	2	72	100%	39.8	41.1	-40.3	-10	3	0	0	0	3	0	27.7		
NAP 101_1F	Portable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	39.8	39.8	-40.0	-10	3	0	0	0	9	0	34.0		
NAP 101_1F	Generator Room (FSI)	S12	Exhaust Fan	1	68	100%	46.3	46.8	-41.4	-10	3	0	0	0	0	0	19.6		
NAP 101_1F	Generator Room (Non-FSI)	S13	Exhaust Fan	1	68	100%	27.8	28.7	-37.2	-10	3	0	0	0	0	0	23.8		
NAP 101_1F	MCC	S14	Exhaust Fan	1	68	100%	27.8	28.7	-37.2	-10	3	0	0	0	0	0	23.8		
NAP 101_1F	ELV	S15	Exhaust Fan	2	68	100%	27.8	28.7	-37.2	-10	3	0	0	0	3	0	26.8		
NAP 101_1F	PVCR	S16	Exhaust Fan	1	68	100%	46.1	46.6	-41.4	-10	3	0	0	0	0	0	29.6		
NAP 101_1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	48.6	48.7	-41.7	-10	3	0	0	0	0	0	19.3		
NAP 101_1F	PAU	S18	Exhaust Fan	1	68	100%	48.6	48.7	-41.7	-10	3	0	0	0	0	0	19.3		
NAP 101_1F	ELEC	S19	Exhaust Fan	2	68	100%	48.6	48.8	-41.8	-10	3	0	0	0	3	0	22.2		
NAP 101_1F	SHOWER	S20	Exhaust Fan	2	68	100%	49.3	49.3	-41.9	-10	3	0	0	0	3	0	22.1		
NAP 101_1F	PAU	S21	Exhaust Fan	1	68	100%	49.3	49.3	-41.9	-10	3	0	0	0	0	0	19.1		
NAP 101_1F	ELV	S22	Exhaust Fan	2	68	100%	49.3	49.3	-41.9	-10	3	0	0	0	3	0	22.1		
NAP 101_1F	M LRV	S23	Exhaust Fan	2	68	100%	49.4	49.4	-41.9	-10	3	0	0	0	3	0	22.1		
NAP 101_1F	PAU	S24	Exhaust Fan	1	68	100%	44.1	44.3	-40.9	-10	3	0	0	0	0	0	20.1		
NAP 101_1F	ELV	S25	Exhaust Fan	2	68	100%	44.1	44.3	-40.9	-10	3	0	0	0	3	0	23.1		
NAP 101_1F	PANTRY	S26	Exhaust Fan	3	68	100%	44.1	44.3	-40.9	-10	3	0	0	0	5	0	34.9		
NAP 101_1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	50.9	51.5	-42.2	-10	3	0	0	0	0	0	18.8		
NAP 101_1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	36.5	36.0	-39.6	-10	3	0	0	0	5	0	26.2		
NAP 101_1F	PAU	S29	Exhaust Fan	1	68	100%	47.9	49.0	-41.8	-10	3	0	0	0	0	0	19.2		
NAP 101_1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	52.1	53.1	-42.5	-10	3	0	0	0	0	0	18.5		
NAP 101_1F	ELV	S31	Exhaust Fan	2	68	100%	47.1	49.0	-41.8	-10	3	0	0	0	3	0	22.2		
NAP 101_1F	Battery Room	S32	Exhaust Fan	2	68	100%	54.8	56.5	-43.0	-10	3	0	0	0	3	0	21.0		
NAP 101_1F	TBE Room	S33	Exhaust Fan	1	68	100%	54.8	56.5	-43.0	-10	3	0	0	0	0	0	18.0		
NAP 101_1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	54.8	56.5	-43.0	-10	3	0	0	0	0	0	18.0		
NAP 101_1F	AT	S35	Exhaust Fan	2	68	100%	45.4	47.4	-41.5	-10	3	0	0	0	3	0.0	0.0		
NAP 101_1F	Parity	S36	Exhaust Fan	2	68	100%	48.0	49.8	-42.0	-10	3	0	0	0	3	0.0	0.0		
NAP 101_1F	R/SAMRC	S37	Exhaust Fan	1	68	100%	46.4	48.3	-41.7	-10	3	0	0	0	0	0	0.0	19.3	
NAP 101_1F	EVCR	S38	Exhaust Fan	1	68	100%	46.3	48.2	-41.7	-10	3	0	0	0	0	0	0.0	19.3	

NAP ID	Room	Source ID	Identified Noise Sources	Quantity / Max concurrent works, nos.	Maximum Allowable SWL, dB(A)	Percentage on time over 30 mins	Horizontal Distance, m	Start Distance, m	Distance Attenuation, dB(A)	Overall Barrier Correction, dB(A)	Façade Correction, dB(A)	Correction for Tonality, dB(A)	Correction for Impulsiveness, dB(A)	Correction for Interference, dB(A)	Correction for Quantity, dB(A)	Percentage On-time Correction, dB(A)	Predicted Noise Level, dB(A)	Resultant SPL, Log30mins, dB(A)	
NAP 102_GF	Cooling Tower	S1	CT	2	80	100%	31.8	34.4	-38.7	-10	3	0	0	0	3	0	37.3	44	
NAP 102_GF	VRV	S2	PAUDU-GAM-01	4	68	100%	52.3	53.9	-42.6	-10	3	0	0	0	6	0	24.4		
NAP 102_GF	VRV	S3	YDU-GAM-01	6	68	100%	52.3	53.9	-42.6	-10	3	0	0	0	8	0	26.3		
NAP 102_GF	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	50.3	51.0	-42.2	-10	3	0	0	0	3	0	25.8		
NAP 102_GF	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	50.3	51.0	-42.2	-10	3	0	0	0	6	0	28.8		
NAP 102_GF	PAU	S6	PAU	1	72	100%	50.3	51.0	-42.2	-10	3	0	0	0	0	0	22.8		
NAP 102_GF	PAU	S7	PAU	1	72	100%	50.3	51.0	-42.2	-10	3	0	0	0	0	0	22.8		
NAP 102_GF	PAU	S8	PAU	1	72	100%	50.3	51.0	-42.2	-10	3	0	0	0	0	0	22.8		
NAP 102_GF	PAU	S9	PAU	1	72	100%	50.3	51.0	-42.2	-10	3	0	0	0	0	0	22.8		
NAP 102_GF	AC Water Pump Room	S10	Pump	2	72	100%	42.9	43.1	-40.7	-10	3	0	0	0	3	0	27.3		
NAP 102_GF	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	42.9	43.4	-40.7	-10	3	0	0	0	9	0	33.3		
NAP 102_GF	Generator Room (FS)	S12	Exhaust Fan	1	68	100%	46.0	47.8	-41.6	-10	3	0	0	0	0	0	19.4		
NAP 102_GF	Generator Room (Non-FS)	S13	Exhaust Fan	1	68	100%	37.7	39.9	-40	0	3	0	0	0	0	0	31.0		
NAP 102_GF	MCC	S14	Exhaust Fan	1	68	100%	37.7	39.9	-40	-10	3	0	0	0	0	0	21.0		
NAP 102_GF	ELV	S15	Exhaust Fan	2	68	100%	37.7	39.9	-40	-10	3	0	0	0	3	0	24.0		
NAP 102_GF	PVCR	S16	Exhaust Fan	1	68	100%	45.2	47.1	-41.5	0	3	0	0	0	0	0	29.5		
NAP 102_GF	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	50.8	51.5	-42.2	-10	3	0	0	0	0	0	18.9		
NAP 102_GF	PAU	S18	Exhaust Fan	1	68	100%	50.8	51.5	-42.2	-10	3	0	0	0	0	0	18.9		
NAP 102_GF	ELEC	S19	Exhaust Fan	2	68	100%	48.9	49.6	-41.9	-10	3	0	0	0	3	0	22.1		
NAP 102_GF	SHOWER	S20	Exhaust Fan	2	68	100%	50.2	50.9	-42.1	-10	3	0	0	0	3	0	21.9		
NAP 102_GF	PAU	S21	Exhaust Fan	1	68	100%	50.2	50.9	-42.1	-10	3	0	0	0	0	0	18.9		
NAP 102_GF	ELV	S22	Exhaust Fan	2	68	100%	50.2	50.9	-42.1	-10	3	0	0	0	3	0	21.9		
NAP 102_GF	M LRV	S23	Exhaust Fan	2	68	100%	50.4	50.6	-42.1	-10	3	0	0	0	3	0	21.9		
NAP 102_GF	PAU	S24	Exhaust Fan	1	68	100%	44.7	44.7	-41	-10	3	0	0	0	0	0	20.0		
NAP 102_GF	ELV	S25	Exhaust Fan	2	68	100%	44.7	44.7	-41	0	3	0	0	0	3	0	33.0		
NAP 102_GF	PANTRY	S26	Exhaust Fan	3	68	100%	44.7	44.7	-41	0	3	0	0	0	5	0	34.8		
NAP 102_GF	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	57.8	57.8	-43.2	-10	3	0	0	0	0	0	17.7		
NAP 102_GF	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	34.7	35.0	-39.9	0	3	0	0	0	5	0	36.6		
NAP 102_GF	PAU	S29	Exhaust Fan	1	68	100%	49.5	49.7	-41.9	-10	3	0	0	0	0	0	19.1		
NAP 102_GF	Electronic Workshop	S30	Exhaust Fan	1	68	100%	59.2	60.1	-43.6	-10	3	0	0	0	0	0	17.4		
NAP 102_GF	ELV	S31	Exhaust Fan	2	68	100%	47.6	48.2	-41.7	-10	3	0	0	0	3	0	22.3		
NAP 102_GF	Battery Room	S32	Exhaust Fan	2	68	100%	65.5	66.9	-44.4	-10	3	0	0	0	3	0	19.5		
NAP 102_GF	TBE Room	S33	Exhaust Fan	1	68	100%	65.5	66.9	-44.4	-10	3	0	0	0	0	0	16.5		
NAP 102_GF	Electronic workshop	S34	Exhaust Fan	1	68	100%	65.5	66.9	-44.4	-10	3	0	0	0	0	0	16.6		
NAP 102_GF	AT	S35	Exhaust Fan	2	68	100%	54.4	54.9	-42.8	-10	3	0	0	0	3	0.0	0.0		
NAP 102_GF	Parity	S36	Exhaust Fan	2	68	100%	56.2	56.7	-43.1	-10	3	0	0	0	3	0.0	20.9		
NAP 102_GF	R/SAMRC	S37	Exhaust Fan	1	68	100%	42.7	43.3	-40.7	-10	3	0	0	0	0	0	0.0	20.3	
NAP 102_GF	EVCR	S38	Exhaust Fan	1	68	100%	43.2	43.8	-40.6	-10	3	0	0	0	0	0	0.0	20.2	

NAP ID	Room	Source ID	Identified Noise Sources	Quantity / Max concurrent works, nos.	Maximum Allowable SWL, dB(A)	Percentage on time over 30 mins	Horizontal Distance, m	Start Distance, m	Distance Attenuation, dB(A)	Overall Barrier Correction, dB(A)	Façade Correction, dB(A)	Correction for Tonality, dB(A)	Correction for Impulsiveness, dB(A)	Correction for Interimness, dB(A)	Correction for Quantity, dB(A)	Percentage On-time Correction, dB(A)	Predicted Noise Level, dB(A)	Resultant SPL, Log30mins, dB(A)	
NAP 201_Gf	Cooling Tower	S1	CT	2	80	100%	59.7	61.1	-43.7	-10	3	0	0	0	3	0	32.3	42	
NAP 201_Gf	VRV	S2	PAUQU-GAM-01	4	68	100%	55.4	56.9	-43.1	-10	3	0	0	0	6	0	23.9		
NAP 201_Gf	VRV	S3	YOU-GAM-01	6	68	100%	55.4	56.9	-43.1	-10	3	0	0	0	8	0	25.9		
NAP 201_Gf	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	54.7	55.3	-42.9	-10	3	0	0	0	3	0	25.1		
NAP 201_Gf	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	54.7	55.3	-42.9	-10	3	0	0	0	6	0	28.1		
NAP 201_Gf	PAU	S6	PAU	1	72	100%	54.7	55.3	-42.9	-10	3	0	0	0	0	0	22.1		
NAP 201_Gf	PAU	S7	PAU	1	72	100%	54.7	55.3	-42.9	-10	3	0	0	0	0	0	22.1		
NAP 201_Gf	PAU	S8	PAU	1	72	100%	54.7	55.3	-42.9	-10	3	0	0	0	0	0	22.1		
NAP 201_Gf	PAU	S9	PAU	1	72	100%	54.7	55.3	-42.9	-10	3	0	0	0	0	0	22.1		
NAP 201_Gf	AC Water Pump Room	S10	Pump	2	72	100%	61.9	62.1	-43.9	-10	3	0	0	0	3	0	24.1		
NAP 201_Gf	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	61.9	70.4	-45	-10	3	0	0	0	9	0	29.0		
NAP 201_Gf	Generator Room (FSI)	S12	Exhaust Fan	1	68	100%	73.3	74.4	-45.4	-10	3	0	0	0	0	0	15.6		
NAP 201_Gf	Generator Room (Non-FSI)	S13	Exhaust Fan	1	68	100%	46.5	48.3	-41.7	0	3	0	0	0	0	0	29.3		
NAP 201_Gf	MCC	S14	Exhaust Fan	1	68	100%	46.5	48.3	-41.7	-10	3	0	0	0	0	0	19.3		
NAP 201_Gf	ELV	S15	Exhaust Fan	2	68	100%	46.5	48.3	-41.7	-10	3	0	0	0	3	0	22.3		
NAP 201_Gf	PVCR	S16	Exhaust Fan	1	68	100%	74.9	76.0	-45.6	0	3	0	0	0	0	0	25.4		
NAP 201_Gf	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	65.9	66.4	-44.4	-10	3	0	0	0	0	0	16.6		
NAP 201_Gf	PAU	S18	Exhaust Fan	1	68	100%	65.9	66.4	-44.4	-10	3	0	0	0	0	0	16.6		
NAP 201_Gf	ELEC	S19	Exhaust Fan	2	68	100%	72.7	73.2	-45.3	-10	3	0	0	0	3	0	18.7		
NAP 201_Gf	SHOWER	S20	Exhaust Fan	2	68	100%	70.4	70.9	-45	-10	3	0	0	0	3	0	19.0		
NAP 201_Gf	PAU	S21	Exhaust Fan	1	68	100%	70.4	70.9	-45	-10	3	0	0	0	0	0	16.0		
NAP 201_Gf	ELV	S22	Exhaust Fan	2	68	100%	70.4	70.9	-45	-10	3	0	0	0	3	0	19.0		
NAP 201_Gf	M LRV	S23	Exhaust Fan	2	68	100%	70.3	70.5	-45	-10	3	0	0	0	3	0	19.1		
NAP 201_Gf	PAU	S24	Exhaust Fan	1	68	100%	70.0	70.0	-44.9	-10	3	0	0	0	0	0	16.1		
NAP 201_Gf	ELV	S25	Exhaust Fan	2	68	100%	70.0	70.0	-44.9	-10	3	0	0	0	3	0	19.1		
NAP 201_Gf	PANTRY	S26	Exhaust Fan	3	68	100%	70.0	70.0	-44.9	0	3	0	0	0	5	0	30.9		
NAP 201_Gf	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	48.2	48.2	-41.7	0	3	0	0	0	0	0	29.3		
NAP 201_Gf	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	74.6	74.7	-45.5	-10	3	0	0	0	5	0	29.7		
NAP 201_Gf	PAU	S29	Exhaust Fan	1	68	100%	67.8	67.9	-44.6	-10	3	0	0	0	0	0	16.4		
NAP 201_Gf	Electronic Workshop	S30	Exhaust Fan	1	68	100%	47.0	47.2	-41.5	-10	3	0	0	0	0	0	19.5		
NAP 201_Gf	ELV	S31	Exhaust Fan	2	68	100%	71.1	71.5	-45.1	-10	3	0	0	0	3	0	18.9		
NAP 201_Gf	Battery Room	S32	Exhaust Fan	2	68	100%	27.7	28.7	-37.2	0	3	0	0	0	3	0	36.8		
NAP 201_Gf	TBE Room	S33	Exhaust Fan	1	68	100%	27.7	28.7	-37.2	0	3	0	0	0	0	0	33.2		
NAP 201_Gf	Electronic workshop	S34	Exhaust Fan	1	68	100%	27.7	28.7	-37.2	-10	3	0	0	0	0	0	23.8		
NAP 201_Gf	AT	S35	Exhaust Fan	2	68	100%	39.7	40.4	-40.1	-10	3	0	0	0	3	0.0	0.0		
NAP 201_Gf	Parity	S36	Exhaust Fan	2	68	100%	42.3	42.9	-40.6	-10	3	0	0	0	3	0.0	23.4		
NAP 201_Gf	R/SAMRC	S37	Exhaust Fan	1	68	100%	82.9	83.2	-46.4	-10	3	0	0	0	0	0	0.0	14.6	
NAP 201_Gf	EVCR	S38	Exhaust Fan	1	68	100%	81.1	81.5	-46.2	-10	3	0	0	0	0	0	0.0	14.6	

NAP 201_1F	Cooling Tower	S1	CT	2	80	100%	59.7	60.1	-43.6	-10	3	0	0	0	3	0	32.4	42	
NAP 201_1F	VRV	S2	PAUQU-GAM-01	4	68	100%	55.4	55.9	-42.9	-10	3	0	0	0	6	0	24.1		
NAP 201_1F	VRV	S3	YOU-GAM-01	6	68	100%	55.4	55.9	-42.9	-10	3	0	0	0	8	0	25.9		
NAP 201_1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	54.7	54.8	-42.8	-10	3	0	0	0	3	0	25.2		
NAP 201_1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	54.7	54.8	-42.8	-10	3	0	0	0	6	0	28.2		
NAP 201_1F	PAU	S6	PAU	1	72	100%	54.7	54.8	-42.8	-10	3	0	0	0	0	0	22.2		
NAP 201_1F	PAU	S7	PAU	1	72	100%	54.7	54.8	-42.8	-10	3	0	0	0	0	0	22.2		
NAP 201_1F	PAU	S8	PAU	1	72	100%	54.7	54.8	-42.8	-10	3	0	0	0	0	0	22.2		
NAP 201_1F	PAU	S9	PAU	1	72	100%	54.7	54.8	-42.8	-10	3	0	0	0	0	0	22.2		
NAP 201_1F	AC Water Pump Room	S10	Pump	2	72	100%	61.9	62.8	-44.0	-10	3	0	0	0	3	0	24.0		
NAP 201_1F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	61.9	70.0	-44.9	-10	3	0	0	0	9	0	29.1		
NAP 201_1F	Generator Room (FSI)	S12	Exhaust Fan	1	68	100%	73.3	73.6	-45.3	-10	3	0	0	0	0	0	15.7		
NAP 201_1F	Generator Room (Non-FSI)	S13	Exhaust Fan	1	68	100%	46.5	47.0	-41.4	-10	3	0	0	0	0	0	29.6		
NAP 201_1F	MCC	S14	Exhaust Fan	1	68	100%	46.5	47.0	-41.4	-10	3	0	0	0	0	0	19.6		
NAP 201_1F	ELV	S15	Exhaust Fan	2	68	100%	46.5	47.0	-41.4	-10	3	0	0	0	3	0	22.6		
NAP 201_1F	PVCR	S16	Exhaust Fan	1	68	100%	74.9	75.2	-45.5	0	3	0	0	0	0	0	25.5		
NAP 201_1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	65.9	66.0	-44.4	-10	3	0	0	0	0	0	16.6		
NAP 201_1F	PAU	S18	Exhaust Fan	1	68	100%	65.9	66.0	-44.4	-10	3	0	0	0	0	0	16.6		
NAP 201_1F	ELEC	S19	Exhaust Fan	2	68	100%	72.7	72.7	-45.2	-10	3	0	0	0	3	0	18.8		
NAP 201_1F	SHOWER	S20	Exhaust Fan	2	68	100%	70.4	70.4	-45.0	-10	3	0	0	0	3	0	19.0		
NAP 201_1F	PAU	S21	Exhaust Fan	1	68	100%	70.4	70.4	-45.0	-10	3	0	0	0	0	0	16.0		
NAP 201_1F	ELV	S22	Exhaust Fan	2	68	100%	70.4	70.4	-45.0	-10	3	0	0	0	3	0	19.0		
NAP 201_1F	M LRV	S23	Exhaust Fan	2	68	100%	70.3	70.3	-44.9	-10	3	0	0	0	3	0	19.1		
NAP 201_1F	PAU	S24	Exhaust Fan	1	68	100%	70.0	70.2	-44.9	-10	3	0	0	0	0	0	16.1		
NAP 201_1F	ELV	S25	Exhaust Fan	2	68	100%	70.0	70.2	-44.9	-10	3	0	0	0	3	0	19.1		
NAP 201_1F	PANTRY	S26	Exhaust Fan	3	68	100%	70.0	70.2	-44.9	0	3	0	0	0	5	0	30.9		
NAP 201_1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	48.2	48.7	-41.8	0	3	0	0	0	0	0	29.2		
NAP 201_1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	74.6	75.3	-45.5	-10	3	0	0	0	5	0	29.3		
NAP 201_1F	PAU	S29	Exhaust Fan	1	68	100%	67.8	68.5	-44.7	-10	3	0	0	0	0	0	16.3		
NAP 201_1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	47.0	48.2	-41.7	-10	3	0	0	0	0	0	19.3		
NAP 201_1F	ELV	S31	Exhaust Fan	2	68	100%	71.1	72.4	-45.2	-10	3	0	0	0	3	0	18.8		
NAP 201_1F	Battery Room	S32	Exhaust Fan	2	68	100%	27.7	30.8	-37.8	0	3	0	0	0	3	0	36.2		
NAP 201_1F	TBE Room	S33	Exhaust Fan	1	68	100%	27.7	30.8	-37.8	0	3	0	0	0	0	0	33.2		
NAP 201_1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	27.7	30.8	-37.8	-10	3	0	0	0	0	0	23.2		
NAP 201_1F	AT	S35	Exhaust Fan	2	68	100%	39.7	42.0	-40.5	-10	3	0	0	0	3	0.0	0.0		
NAP 201_1F	Parity	S36	Exhaust Fan	2	68	100%	42.3	44.0	-40.9	-10	3	0	0	0	3	0.0	23.1		
NAP 201_1F	R/SAMRC	S37	Exhaust Fan	1	68	100%	82.9	84.0	-46.5	-10	3	0	0	0	0	0	0.0	14.5	
NAP 201_1F	EVCR	S38	Exhaust Fan	1	68	100%	81.1	82.3	-46.3	-10	3	0	0	0	0	0	0.0	14.7	

NAP ID	Room	Source ID	Identified Noise Sources	Quantity/Max concurrent works, nos.	Maximum Allowable SWL, dB(A)	Percentage on time over 30 min	Horizontal Distance, m	Start Distance, m	Distance Attenuation, dB(A)	Overall Barrier Correction, dB(A)	Facade Correction, dB(A)	Correction for Tonality, dB(A)	Correction for Impulsiveness, dB(A)	Correction for Intermittency, dB(A)	Correction for Quanity, dB(A)	Percentage On-time Correction, dB(A)	Predicted Noise Level, dB(A)	Resultant SPL, Log(30mins), dB(A)	
NAP 301.1F	Cooling Tower	S1	CT	2	80	100%	119.3	121.5	-97.7	-10	3	0	0	0	0	3	0	26.3	
NAP 301.1F	VRV	S2	PAUOU-GAM-01	4	68	100%	104.2	106.7	-88.6	-10	3	0	0	0	0	6	0	16.4	
NAP 301.1F	VRV	S3	YOU-GAM-01	6	68	100%	104.2	106.7	-88.6	-10	3	0	0	0	0	8	0	20.2	
NAP 301.1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	105.0	106.6	-88.6	-10	3	0	0	0	0	3	0	19.4	
NAP 301.1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	105.0	106.6	-88.6	-10	3	0	0	0	0	6	0	22.4	
NAP 301.1F	PAU	S6	PAU	1	72	100%	105.0	106.6	-88.6	-10	3	0	0	0	0	0	0	16.4	
NAP 301.1F	PAU	S7	PAU	1	72	100%	105.0	106.6	-88.6	-10	3	0	0	0	0	0	0	16.4	
NAP 301.1F	PAU	S8	PAU	1	72	100%	105.0	106.6	-88.6	-10	3	0	0	0	0	0	0	16.4	
NAP 301.1F	PAU	S9	PAU	1	72	100%	105.0	106.6	-88.6	-10	3	0	0	0	0	0	0	16.4	
NAP 301.1F	AC Water Pump Room	S10	Pump	2	72	100%	114.6	114.7	-89.2	-10	3	0	0	0	0	3	0	18.8	
NAP 301.1F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	114.6	146.1	-51.4	-10	3	0	0	0	0	9	0	22.6	
NAP 301.1F	Generator Room (FSB)	S12	Exhaust Fan	1	68	100%	122.2	124.4	-49.9	-10	3	0	0	0	0	0	0	11.1	
NAP 301.1F	Generator Room (Non-FSB)	S13	Exhaust Fan	1	68	100%	109.9	110.9	-49.9	-10	3	0	0	0	0	0	0	12.0	
NAP 301.1F	MCC	S14	Exhaust Fan	1	68	100%	109.9	112.3	-49	-10	3	0	0	0	0	0	0	12.0	
NAP 301.1F	ELV	S15	Exhaust Fan	2	68	100%	109.9	112.3	-49	-10	3	0	0	0	0	3	0	15.0	
NAP 301.1F	PVCR	S16	Exhaust Fan	1	68	100%	124.1	126.2	-50	-10	3	0	0	0	0	0	0	11.0	
NAP 301.1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	112.9	114.4	-49.2	-10	3	0	0	0	0	0	0	11.8	
NAP 301.1F	PAU	S18	Exhaust Fan	1	68	100%	112.9	114.4	-49.2	-10	3	0	0	0	0	0	0	11.8	
NAP 301.1F	ELEC	S19	Exhaust Fan	2	68	100%	120.1	121.4	-49.7	-10	3	0	0	0	0	3	0	14.3	
NAP 301.1F	SHOWER	S20	Exhaust Fan	2	68	100%	117.2	118.6	-49.5	-10	3	0	0	0	0	3	0	14.5	
NAP 301.1F	PAU	S21	Exhaust Fan	1	68	100%	117.2	118.6	-49.5	-10	3	0	0	0	0	0	0	11.5	
NAP 301.1F	ELV	S22	Exhaust Fan	2	68	100%	117.2	118.6	-49.5	-10	3	0	0	0	0	3	0	14.5	
NAP 301.1F	M LAV	S23	Exhaust Fan	2	68	100%	117.0	117.0	-49.4	-10	3	0	0	0	0	3	0	14.6	
NAP 301.1F	PAU	S24	Exhaust Fan	1	68	100%	120.1	120.1	-49.4	-10	3	0	0	0	0	0	0	11.0	
NAP 301.1F	PAU	S24	Exhaust Fan	1	68	100%	120.1	120.6	-49.6	-10	3	0	0	0	0	0	0	11.4	
NAP 301.1F	ELV	S25	Exhaust Fan	2	68	100%	120.1	120.6	-49.6	-10	3	0	0	0	0	3	0	14.4	
NAP 301.1F	PANTRY	S26	Exhaust Fan	3	68	100%	120.1	120.6	-49.6	-10	3	0	0	0	0	5	0	16.2	
NAP 301.1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	95.8	96.2	-47.7	-10	3	0	0	0	0	0	0	13.3	
NAP 301.1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	129.3	132.4	-50.3	-10	3	0	0	0	0	0	0	15.4	
NAP 301.1F	PAU	S29	Exhaust Fan	1	68	100%	115.3	115.4	-49.2	-10	3	0	0	0	0	0	0	11.8	
NAP 301.1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	94.0	94.2	-47.5	-10	3	0	0	0	0	0	0	13.5	
NAP 301.1F	ELV	S31	Exhaust Fan	2	68	100%	119.4	119.4	-49.5	-10	3	0	0	0	0	3	0	14.5	
NAP 301.1F	Battery Room	S32	Exhaust Fan	2	68	100%	82.1	82.2	-46.3	0	3	0	0	0	0	3	0	27.7	
NAP 301.1F	TBE Room	S33	Exhaust Fan	1	68	100%	82.1	82.2	-46.3	0	3	0	0	0	0	0	0	24.7	
NAP 301.1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	82.1	82.2	-46.3	-10	3	0	0	0	0	0	0	14.7	
NAP 301.1F	AT	S35	Exhaust Fan	2	68	100%	94.6	94.7	-47.5	-10	3	0	0	0	0	3	0.0	0.0	
NAP 301.1F	Parity	S36	Exhaust Fan	2	68	100%	94.1	94.1	-47.5	-10	3	0	0	0	0	3	0.0	0.0	
NAP 301.1F	R5AMRC	S37	Exhaust Fan	1	68	100%	133.4	133.4	-50.5	-10	3	0	0	0	0	0	0	0.0	10.5
NAP 301.1F	EVCR	S38	Exhaust Fan	1	68	100%	131.3	131.4	-50.4	-10	3	0	0	0	0	0	0	0.0	10.6
NAP 301.7F	Cooling Tower	S1	CT	2	80	100%	119.3	119.5	-89.5	-10	3	0	0	0	0	3	0	26.5	
NAP 301.7F	VRV	S2	PAUOU-GAM-01	4	68	100%	104.2	104.4	-88.4	-10	3	0	0	0	0	6	0	18.6	
NAP 301.7F	VRV	S3	YOU-GAM-01	6	68	100%	104.2	104.4	-88.4	-10	3	0	0	0	0	8	0	20.4	
NAP 301.7F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	105.0	105.0	-88.4	-10	3	0	0	0	0	3	0	19.0	
NAP 301.7F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	105.0	105.0	-88.4	-10	3	0	0	0	0	6	0	22.6	
NAP 301.7F	PAU	S6	PAU	1	72	100%	105.0	105.0	-88.4	-10	3	0	0	0	0	0	0	16.6	
NAP 301.7F	PAU	S7	PAU	1	72	100%	105.0	105.0	-88.4	-10	3	0	0	0	0	0	0	16.6	
NAP 301.7F	PAU	S8	PAU	1	72	100%	105.0	105.0	-88.4	-10	3	0	0	0	0	0	0	16.6	
NAP 301.7F	PAU	S9	PAU	1	72	100%	105.0	105.0	-88.4	-10	3	0	0	0	0	0	0	16.6	
NAP 301.7F	AC Water Pump Room	S10	Pump	2	72	100%	114.6	115.0	-89.2	-10	3	0	0	0	0	3	0	18.8	
NAP 301.7F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	114.6	146.9	-51.3	-10	3	0	0	0	0	9	0	22.7	
NAP 301.7F	Generator Room (FSB)	S12	Exhaust Fan	1	68	100%	122.2	122.4	-49.8	-10	3	0	0	0	0	0	0	11.2	
NAP 301.7F	Generator Room (Non-FSB)	S13	Exhaust Fan	1	68	100%	109.9	110.1	-49.8	-10	3	0	0	0	0	0	0	12.2	
NAP 301.7F	MCC	S14	Exhaust Fan	1	68	100%	109.9	110.1	-49.8	-10	3	0	0	0	0	0	0	12.0	
NAP 301.7F	ELV	S15	Exhaust Fan	2	68	100%	109.9	110.1	-49.8	-10	3	0	0	0	0	3	0	15.2	
NAP 301.7F	PVCR	S16	Exhaust Fan	1	68	100%	124.1	124.3	-49.9	-10	3	0	0	0	0	0	0	11.1	
NAP 301.7F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	112.9	113.0	-49.1	-10	3	0	0	0	0	0	0	11.9	
NAP 301.7F	PAU	S18	Exhaust Fan	1	68	100%	112.9	113.0	-49.1	-10	3	0	0	0	0	0	0	11.9	
NAP 301.7F	ELEC	S19	Exhaust Fan	2	68	100%	120.1	120.1	-49.6	-10	3	0	0	0	0	3	0	14.3	
NAP 301.7F	SHOWER	S20	Exhaust Fan	2	68	100%	117.2	117.2	-49.4	0	3	0	0	0	0	3	0	24.6	
NAP 301.7F	PAU	S21	Exhaust Fan	1	68	100%	117.2	117.2	-49.4	-10	3	0	0	0	0	0	0	11.6	
NAP 301.7F	ELV	S22	Exhaust Fan	2	68	100%	117.2	117.2	-49.4	-10	3	0	0	0	0	3	0	14.6	
NAP 301.7F	M LAV	S23	Exhaust Fan	2	68	100%	117.0	117.0	-49.4	-10	3	0	0	0	0	3	0	14.6	
NAP 301.7F	PAU	S24	Exhaust Fan	1	68	100%	120.1	120.1	-49.6	-10	3	0	0	0	0	0	0	11.0	
NAP 301.7F	PAU	S24	Exhaust Fan	1	68	100%	120.1	120.1	-49.6	-10	3	0	0	0	0	0	0	11.4	
NAP 301.7F	ELV	S25	Exhaust Fan	2	68	100%	120.1	120.1	-49.6	-10	3	0	0	0	0	3	0	14.4	
NAP 301.7F	PANTRY	S26	Exhaust Fan	3	68	100%	120.1	120.1	-49.6	-10	3	0	0	0	0	5	0	16.2	
NAP 301.7F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	95.8	96.0	-47.6	-10	3	0	0	0	0	0	0	13.4	
NAP 301.7F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	129.3	132.7	-50.3	-10	3	0	0	0	0	0	0	15.5	
NAP 301.7F	PAU	S29	Exhaust Fan	1	68	100%	115.3	115.7	-49.3	-10	3	0	0	0	0	0	0	11.7	
NAP 301.7F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	94.0	94.6	-47.5	-10	3	0	0	0	0	0	0	13.5	
NAP 301.7F	ELV	S31	Exhaust Fan	2	68	100%	119.4	120.1	-49.6	-10	3	0	0	0	0	3</			

NAP ID	Room	Source ID	Identified Noise Sources	Quantity / Max concurrent works, nos.	Maximum Allowable SWL, dB(A)	Percentage on time over 30 min	Horizontal Distance, m	Start Distance, m	Distance Attenuation, dB(A)	Overall Barrier Correction, dB(A)	Facade Correction, dB(A)	Correction for Tonality, dB(A)	Correction for Impulsiveness, dB(A)	Correction for Intermittency, dB(A)	Correction for Quantity, dB(A)	Percentage of time of operation, dB(A)	Predicted Noise Level, dB(A)	Resultant SPL, Log(30mins), dB(A)
NAP 401.1F	Cooling Tower	S1	CT	2	80	100%	90.7	93.4	-47.4	-10	3	0	0	0	0	3	0	28.6
NAP 401.1F	VRV	S2	PAUOU-GAM-01	4	68	100%	72.6	76.0	-45.6	-10	3	0	0	0	0	6	0	21.4
NAP 401.1F	VRV	S3	YOU-GAM-01	6	68	100%	72.6	76.0	-45.6	-10	3	0	0	0	0	8	0	23.2
NAP 401.1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	73.9	76.0	-45.6	-10	3	0	0	0	0	3	0	22.4
NAP 401.1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	73.9	76.0	-45.6	-10	3	0	0	0	0	6	0	25.4
NAP 401.1F	PAU	S6	PAU	1	72	100%	73.9	76.0	-45.6	-10	3	0	0	0	0	0	0	19.4
NAP 401.1F	PAU	S7	PAU	1	72	100%	73.9	76.0	-45.6	-10	3	0	0	0	0	0	0	19.4
NAP 401.1F	PAU	S8	PAU	1	72	100%	73.9	76.0	-45.6	-10	3	0	0	0	0	0	0	19.4
NAP 401.1F	PAU	S9	PAU	1	72	100%	73.9	76.0	-45.6	-10	3	0	0	0	0	0	0	19.4
NAP 401.1F	AC Water Pump Room	S10	Pump	2	72	100%	83.3	83.5	-46.4	-10	3	0	0	0	0	3	0	21.6
NAP 401.1F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	83.3	106.2	-48.5	-10	3	0	0	0	0	9	0	25.5
NAP 401.1F	Generator Room (FSB)	S12	Exhaust Fan	1	68	100%	89.0	91.8	-47.3	0	3	0	0	0	0	0	0	23.7
NAP 401.1F	Generator Room (Non-FSB)	S13	Exhaust Fan	1	68	100%	84.4	87.3	-46.8	-10	3	0	0	0	0	0	0	14.3
NAP 401.1F	MCC	S14	Exhaust Fan	1	68	100%	84.4	87.3	-46.8	0	3	0	0	0	0	0	0	24.2
NAP 401.1F	ELV	S15	Exhaust Fan	2	68	100%	84.4	87.3	-46.8	-10	3	0	0	0	0	3	0	17.2
NAP 401.1F	PVCR	S16	Exhaust Fan	1	68	100%	90.8	93.6	-47.4	-10	3	0	0	0	0	0	0	13.6
NAP 401.1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	79.8	81.8	-46.3	0	3	0	0	0	0	0	0	24.7
NAP 401.1F	PAU	S18	Exhaust Fan	1	68	100%	79.8	81.8	-46.3	0	3	0	0	0	0	0	0	24.7
NAP 401.1F	ELEC	S19	Exhaust Fan	2	68	100%	86.4	88.2	-46.9	-10	3	0	0	0	0	3	0	17.1
NAP 401.1F	SHOWER	S20	Exhaust Fan	2	68	100%	83.6	85.5	-46.6	-10	3	0	0	0	0	3	0	17.4
NAP 401.1F	PAU	S21	Exhaust Fan	1	68	100%	83.6	85.5	-46.6	-10	3	0	0	0	0	0	0	14.4
NAP 401.1F	ELV	S22	Exhaust Fan	2	68	100%	83.6	85.5	-46.6	0	3	0	0	0	0	3	0	27.4
NAP 401.1F	M LAV	S23	Exhaust Fan	2	68	100%	83.6	85.5	-46.6	0	3	0	0	0	0	3	0	27.4
NAP 401.1F	PAU	S24	Exhaust Fan	1	68	100%	87.4	88.1	-46.9	-10	3	0	0	0	0	0	0	14.1
NAP 401.1F	ELV	S25	Exhaust Fan	2	68	100%	87.4	88.1	-46.9	-10	3	0	0	0	0	3	0	17.1
NAP 401.1F	PANTRY	S26	Exhaust Fan	3	68	100%	87.4	88.1	-46.9	-10	3	0	0	0	0	5	0	18.9
NAP 401.1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	65.0	65.1	-44.3	-10	3	0	0	0	0	0	0	16.7
NAP 401.1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	92.1	92.8	-46.4	0	3	0	0	0	0	5	0	18.0
NAP 401.1F	PAU	S29	Exhaust Fan	1	68	100%	82.1	82.3	-46.3	0	3	0	0	0	0	0	0	24.7
NAP 401.1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	63.3	63.5	-44.1	-10	3	0	0	0	0	0	0	16.9
NAP 401.1F	ELV	S31	Exhaust Fan	2	68	100%	86.1	86.1	-46.7	0	3	0	0	0	0	3	0	27.3
NAP 401.1F	Battery Room	S32	Exhaust Fan	2	68	100%	57.7	57.7	-43.2	-10	3	0	0	0	0	3	0	20.8
NAP 401.1F	TBE Room	S33	Exhaust Fan	1	68	100%	57.7	57.7	-43.2	-10	3	0	0	0	0	0	0	17.5
NAP 401.1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	57.7	57.7	-43.2	-10	3	0	0	0	0	0	0	17.8
NAP 401.1F	AT	S35	Exhaust Fan	2	68	100%	67.1	67.2	-44.5	-10	3	0	0	0	0	3	0.0	0.0
NAP 401.1F	Parity	S36	Exhaust Fan	2	68	100%	65.3	65.4	-44.3	-10	3	0	0	0	0	3	0.0	0.0
NAP 401.1F	R&S/M/R/C	S37	Exhaust Fan	1	68	100%	99.9	100.0	-48.0	0	3	0	0	0	0	0	0.0	23.7
NAP 401.1F	EVCR	S38	Exhaust Fan	1	68	100%	97.9	97.9	-47.8	0	3	0	0	0	0	0	0.0	23.2
NAP 401.1F	Cooling Tower	S1	CT	2	80	100%	90.7	91.0	-47.2	0	3	0	0	0	0	3	0	38.8
NAP 401.1F	VRV	S2	PAUOU-GAM-01	4	68	100%	72.6	72.9	-45.3	-10	3	0	0	0	0	6	0	21.7
NAP 401.1F	VRV	S3	YOU-GAM-01	6	68	100%	72.6	72.9	-45.3	-10	3	0	0	0	0	8	0	23.5
NAP 401.1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	73.9	73.9	-45.4	-10	3	0	0	0	0	3	0	22.3
NAP 401.1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	73.9	73.9	-45.4	-10	3	0	0	0	0	6	0	25.6
NAP 401.1F	PAU	S6	PAU	1	72	100%	73.9	73.9	-45.4	-10	3	0	0	0	0	0	0	19.6
NAP 401.1F	PAU	S7	PAU	1	72	100%	73.9	73.9	-45.4	-10	3	0	0	0	0	0	0	19.6
NAP 401.1F	PAU	S8	PAU	1	72	100%	73.9	73.9	-45.4	-10	3	0	0	0	0	0	0	19.6
NAP 401.1F	PAU	S9	PAU	1	72	100%	73.9	73.9	-45.4	-10	3	0	0	0	0	0	0	19.6
NAP 401.1F	AC Water Pump Room	S10	Pump	2	72	100%	83.3	84.0	-46.5	-10	3	0	0	0	0	3	0	21.5
NAP 401.1F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	83.3	104.7	-48.4	-10	3	0	0	0	0	9	0	25.6
NAP 401.1F	Generator Room (FSB)	S12	Exhaust Fan	1	68	100%	89.0	89.3	-47.0	0	3	0	0	0	0	0	0	24.0
NAP 401.1F	Generator Room (Non-FSB)	S13	Exhaust Fan	1	68	100%	84.4	84.7	-46.6	-10	3	0	0	0	0	0	0	14.4
NAP 401.1F	MCC	S14	Exhaust Fan	1	68	100%	84.4	84.7	-46.6	0	3	0	0	0	0	0	0	24.7
NAP 401.1F	ELV	S15	Exhaust Fan	2	68	100%	84.4	84.7	-46.6	-10	3	0	0	0	0	3	0	17.4
NAP 401.1F	PVCR	S16	Exhaust Fan	1	68	100%	90.8	91.1	-47.2	-10	3	0	0	0	0	0	0	13.8
NAP 401.1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	79.8	79.8	-46.0	0	3	0	0	0	0	0	0	25.0
NAP 401.1F	PAU	S18	Exhaust Fan	1	68	100%	79.8	79.8	-46.0	0	3	0	0	0	0	0	0	25.0
NAP 401.1F	ELEC	S19	Exhaust Fan	2	68	100%	86.4	86.5	-46.7	-10	3	0	0	0	0	3	0	19.5
NAP 401.1F	SHOWER	S20	Exhaust Fan	2	68	100%	83.6	83.7	-46.5	-10	3	0	0	0	0	3	0	17.5
NAP 401.1F	PAU	S21	Exhaust Fan	1	68	100%	83.6	83.7	-46.5	0	3	0	0	0	0	0	0	24.5
NAP 401.1F	ELV	S22	Exhaust Fan	2	68	100%	83.6	83.7	-46.5	0	3	0	0	0	0	3	0	27.5
NAP 401.1F	M LAV	S23	Exhaust Fan	2	68	100%	83.6	83.7	-46.5	0	3	0	0	0	0	3	0	27.5
NAP 401.1F	PAU	S24	Exhaust Fan	1	68	100%	87.4	87.5	-46.8	-10	3	0	0	0	0	0	0	14.2
NAP 401.1F	ELV	S25	Exhaust Fan	2	68	100%	87.4	87.5	-46.8	-10	3	0	0	0	0	3	0	17.2
NAP 401.1F	PANTRY	S26	Exhaust Fan	3	68	100%	87.4	87.5	-46.8	-10	3	0	0	0	0	5	0	19.0
NAP 401.1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	65.0	65.4	-44.3	-10	3	0	0	0	0	0	0	16.7
NAP 401.1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	97.6	98.2	-46.4	-10	3	0	0	0	0	5	0	18.0
NAP 401.1F	PAU	S29	Exhaust Fan	1	68	100%	82.1	82.8	-46.4	0	3	0	0	0	0	0	0	24.0
NAP 401.1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	63.3	64.2	-44.2	-10	3	0	0	0	0	0	0	16.8
NAP 401.1F	ELV	S31	Exhaust Fan	2	68	100%	86.1	87.2	-46.8	0	3	0	0	0	0	3	0	27.2
NAP 401.1F	Battery Room	S32	Exhaust Fan	2	68	100%	57.7	59.3	-43.5	-10	3	0	0	0	0	3	0	20.5
NAP 401.1F	TBE Room	S33	Exhaust Fan	1	68	100%	57.7	59.3	-43.5	-10	3	0	0	0	0	0	0	17.5
NAP 401.1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	57.7	59.3	-43.5	-10	3	0	0	0	0	0	0	17.3
NAP 401.1F	AT	S35	Exhaust Fan	2	68	100%	67.1	68.5	-44.7	-10	3	0	0	0	0	3	0.0	0.0
NAP 401.1F	Parity	S36	Exhaust Fan	2	68	100%	65.3	66.7	-44.5	-10	3	0	0	0	0	3	0.0	0.0
NAP 401.1F	R&S/M/R/C	S37	Exhaust Fan	1	68	100%	99.9	100.9	-48.1	0	3	0	0	0	0	0	0.0	22.9
NAP 401.1F	EVCR	S38	Exhaust Fan	1	68	100%	97.9	98.8	-47.9	0	3	0	0	0	0	0	0.0	23.1
NAP 401.13F	Cooling Tower	S1	CT	2	80	100%	90.7	92.1	-47.3	0	3	0	0	0	0	3	0	38.7
NAP 401.13F	VRV	S2	PAUOU-GAM-01	4	68	100%	72.6	74.3	-45.4	0	3	0	0	0	0	6	0	31.6
NAP 401.13F	VRV	S3	YOU-GAM-01	6	68	100%	72.6	74.3	-45.4	0	3	0	0	0	0	8	0	33.4
NAP 401.13F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	73.9	76.7	-45.7	-10	3	0	0	0	0	3	0	22.3
NAP 401.13F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	73.9	76.7	-45.7	-10	3	0	0	0	0	6	0	25.3
NAP 401.13F	PAU	S6	PAU	1	72	100%	73.9	76.7	-45.7	-10	3	0	0	0	0	0		

NAP ID	Room	Source ID	Identified Noise Sources	Quantity / Max concurrent works, nos.	Maximum Allowable SWL, dB(A)	Percentage on time over 30 min	Horizontal Distance, m	Start Distance, m	Distance Attenuation, dB(A)	Overall Barrier Correction, dB(A)	Facade Correction, dB(A)	Correction for Tonality, dB(A)	Correction for Impulsiveness, dB(A)	Correction for Interference, dB(A)	Correction for Quantity, dB(A)	Percentage of Noise Correction, dB(A)	Predicted Noise Level, dB(A)	Resultant SPL, Log(30mins), dB(A)	
NAP 501.1F	Cooling Tower	S1	CT	2	80	100%	46.4	51.3	-42.2	-10	3	0	0	0	3	0	33.8	46	
NAP 501.1F	VRV	S2	PAU/OU-GAM-01	4	68	100%	25.9	34.0	-38.6	-10	3	0	0	0	6	0	28.4		
NAP 501.1F	VRV	S3	YOU-GAM-01	6	68	100%	25.9	34.0	-38.6	-10	3	0	0	0	6	0	30.3		
NAP 501.1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	28.0	32.9	-38.3	-10	3	0	0	0	3	0	29.7		
NAP 501.1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	28.0	32.9	-38.3	-10	3	0	0	0	6	0	32.7		
NAP 501.1F	PAU	S6	PAU	1	72	100%	28.0	32.9	-38.3	-10	3	0	0	0	0	0	26.7		
NAP 501.1F	PAU	S7	PAU	1	72	100%	28.0	32.9	-38.3	-10	3	0	0	0	0	0	26.7		
NAP 501.1F	PAU	S8	PAU	1	72	100%	28.0	32.9	-38.3	-10	3	0	0	0	0	0	26.7		
NAP 501.1F	PAU	S9	PAU	1	72	100%	28.0	32.9	-38.3	-10	3	0	0	0	0	0	26.7		
NAP 501.1F	AC Water Pump Room	S10	Pump	2	72	100%	34.9	36.1	-39.3	-10	3	0	0	0	3	0	29.1		
NAP 501.1F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	34.9	40.2	-40.5	-10	3	0	0	0	9	0	33.5		
NAP 501.1F	Generator Room (FS)	S12	Exhaust Fan	1	68	100%	36.1	42.3	-40.5	0	3	0	0	0	0	0	30.5		
NAP 501.1F	Generator Room (Non-FS)	S13	Exhaust Fan	1	68	100%	48.1	52.9	-42.5	-10	3	0	0	0	0	0	18.5		
NAP 501.1F	MCC	S14	Exhaust Fan	1	68	100%	48.1	52.9	-42.5	0	3	0	0	0	0	0	28.5		
NAP 501.1F	ELV	S15	Exhaust Fan	2	68	100%	48.1	52.9	-42.5	0	3	0	0	0	3	0	31.5		
NAP 501.1F	PVCR	S16	Exhaust Fan	1	68	100%	37.8	43.8	-40.8	-10	3	0	0	0	0	0	20.2		
NAP 501.1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	28.0	32.9	-38.3	0	3	0	0	0	0	0	32.7		
NAP 501.1F	PAU	S18	Exhaust Fan	1	68	100%	28.0	32.9	-38.3	-10	3	0	0	0	0	0	32.7		
NAP 501.1F	ELEC	S19	Exhaust Fan	2	68	100%	33.2	37.4	-39.5	0	3	0	0	0	3	0	34.5		
NAP 501.1F	SHOWER	S20	Exhaust Fan	2	68	100%	30.6	35.1	-38.9	0	3	0	0	0	3	0	35.1		
NAP 501.1F	PAU	S21	Exhaust Fan	1	68	100%	30.6	35.1	-38.9	-10	3	0	0	0	0	0	22.1		
NAP 501.1F	ELV	S22	Exhaust Fan	2	68	100%	30.6	35.1	-38.9	0	3	0	0	0	3	0	35.1		
NAP 501.1F	M LAV	S23	Exhaust Fan	2	68	100%	30.6	35.1	-38.9	0	3	0	0	0	3	0	35.1		
NAP 501.1F	PAU	S24	Exhaust Fan	1	68	100%	35.5	37.1	-39.4	-10	3	0	0	0	0	0	21.6		
NAP 501.1F	ELV	S25	Exhaust Fan	2	68	100%	35.5	37.1	-39.4	-10	3	0	0	0	3	0	24.6		
NAP 501.1F	PANTRY	S26	Exhaust Fan	3	68	100%	35.5	37.1	-39.4	-10	3	0	0	0	5	0	26.4		
NAP 501.1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	23.9	25.1	-36.0	-10	3	0	0	0	0	0	25.0		
NAP 501.1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	46.7	46.9	-41.4	-10	3	0	0	0	5	0	24.8		
NAP 501.1F	PAU	S29	Exhaust Fan	1	68	100%	30.0	30.3	-37.6	0	3	0	0	0	0	0	33.4		
NAP 501.1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	23.5	23.9	-35.6	-10	3	0	0	0	0	0	25.4		
NAP 501.1F	ELV	S31	Exhaust Fan	2	68	100%	33.4	33.5	-38.5	0	3	0	0	0	3	0	35.5		
NAP 501.1F	Battery Room	S32	Exhaust Fan	2	68	100%	38.0	38.0	-38.6	-10	3	0	0	0	3	0	24.4		
NAP 501.1F	TBE Room	S33	Exhaust Fan	1	68	100%	38.0	38.0	-38.6	-10	3	0	0	0	0	0	31.0		
NAP 501.1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	38.0	38.0	-38.6	-10	3	0	0	0	0	0	21.4		
NAP 501.1F	AT	S35	Exhaust Fan	2	68	100%	33.6	33.6	-38.5	-10	3	0	0	0	3	0.0	0.0	0.0	
NAP 501.1F	Parity	S36	Exhaust Fan	2	68	100%	29.7	29.7	-37.5	-10	3	0	0	0	3	0.0	0.0	26.5	
NAP 501.1F	R/SAMRC	S37	Exhaust Fan	1	68	100%	46.3	46.3	-41.3	0	3	0	0	0	0	0	0.0	29.7	
NAP 501.1F	EVCR	S38	Exhaust Fan	1	68	100%	44.3	44.4	-40.9	0	3	0	0	0	0	0	0.0	30.1	
NAP 501.1F	Cooling Tower	S1	CT	2	80	100%	46.4	47.1	-41.5	-10	3	0	0	0	3	0	34.6	47	
NAP 501.1F	VRV	S2	PAU/OU-GAM-01	4	68	100%	25.9	27.1	-36.7	-10	3	0	0	0	6	0	30.3		
NAP 501.1F	VRV	S3	YOU-GAM-01	6	68	100%	25.9	27.1	-36.7	-10	3	0	0	0	6	0	32.1		
NAP 501.1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	28.0	28.2	-37.0	-10	3	0	0	0	3	0	29.2		
NAP 501.1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	28.0	28.2	-37.0	-10	3	0	0	0	6	0	34.0		
NAP 501.1F	PAU	S6	PAU	1	72	100%	28.0	28.2	-37.0	-10	3	0	0	0	0	0	28.0		
NAP 501.1F	PAU	S7	PAU	1	72	100%	28.0	28.2	-37.0	-10	3	0	0	0	0	0	28.0		
NAP 501.1F	PAU	S8	PAU	1	72	100%	28.0	28.2	-37.0	-10	3	0	0	0	0	0	28.0		
NAP 501.1F	AC Water Pump Room	S10	Pump	2	72	100%	34.9	36.1	-39.2	-10	3	0	0	0	3	0	28.8		
NAP 501.1F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	34.9	40.0	-40.0	-10	3	0	0	0	9	0	34.0		
NAP 501.1F	Generator Room (FS)	S12	Exhaust Fan	1	68	100%	36.1	37.0	-39.4	0	3	0	0	0	0	0	31.6		
NAP 501.1F	Generator Room (Non-FS)	S13	Exhaust Fan	1	68	100%	48.1	48.7	-41.8	-10	3	0	0	0	0	0	19.2		
NAP 501.1F	MCC	S14	Exhaust Fan	1	68	100%	48.1	48.7	-41.8	0	3	0	0	0	0	0	29.7		
NAP 501.1F	ELV	S15	Exhaust Fan	2	68	100%	48.1	48.7	-41.8	0	3	0	0	0	3	0	32.2		
NAP 501.1F	PVCR	S16	Exhaust Fan	1	68	100%	37.8	38.7	-39.8	-10	3	0	0	0	0	0	21.2		
NAP 501.1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	28.0	28.2	-37.0	0	3	0	0	0	0	0	34.0		
NAP 501.1F	PAU	S18	Exhaust Fan	1	68	100%	28.0	28.2	-37.0	0	3	0	0	0	0	0	34.0		
NAP 501.1F	ELEC	S19	Exhaust Fan	2	68	100%	33.2	33.3	-38.4	0	3	0	0	0	3	0	33.1		
NAP 501.1F	SHOWER	S20	Exhaust Fan	2	68	100%	30.6	30.8	-37.8	0	3	0	0	0	3	0	36.2		
NAP 501.1F	PAU	S21	Exhaust Fan	1	68	100%	30.6	30.8	-37.8	0	3	0	0	0	0	0	33.2		
NAP 501.1F	ELV	S22	Exhaust Fan	2	68	100%	30.6	30.8	-37.8	0	3	0	0	0	3	0	36.2		
NAP 501.1F	M LAV	S23	Exhaust Fan	2	68	100%	30.6	30.8	-37.7	0	3	0	0	0	3	0	36.3		
NAP 501.1F	PAU	S24	Exhaust Fan	1	68	100%	35.5	35.7	-39.1	-10	3	0	0	0	0	0	21.7		
NAP 501.1F	ELV	S25	Exhaust Fan	2	68	100%	35.5	35.7	-39.1	-10	3	0	0	0	3	0	24.9		
NAP 501.1F	PANTRY	S26	Exhaust Fan	3	68	100%	35.5	35.7	-39.1	-10	3	0	0	0	5	0	26.7		
NAP 501.1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	23.9	24.7	-35.9	-10	3	0	0	0	0	0	25.1		
NAP 501.1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	46.7	47.6	-41.6	-10	3	0	0	0	5	0	24.2		
NAP 501.1F	PAU	S29	Exhaust Fan	1	68	100%	30.0	31.4	-37.9	0	3	0	0	0	0	0	33.1		
NAP 501.1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	23.5	25.3	-36.1	-10	3	0	0	0	0	0	24.9		
NAP 501.1F	ELV	S31	Exhaust Fan	2	68	100%	33.4	35.7	-39.1	0	3	0	0	0	3	0	34.9		
NAP 501.1F	Battery Room	S32	Exhaust Fan	2	68	100%	38.0	40.0	-40.0	-10	3	0	0	0	3	0	24.0		
NAP 501.1F	TBE Room	S33	Exhaust Fan	1	68	100%	38.0	40.0	-40.0	-10	3	0	0	0	0	0	21.0		
NAP 501.1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	38.0	40.0	-40.0	-10	3	0	0	0	0	0	21.0		
NAP 501.1F	AT	S35	Exhaust Fan	2	68	100%	33.6	35.9	-39.1	-10	3	0	0	0	3	0.0	0.0	0.0	
NAP 501.1F	Parity	S36	Exhaust Fan	2	68	100%	29.7	32.2	-38.2	-10	3	0	0	0	3	0.0	0.0	25.8	
NAP 501.1F	R/SAMRC	S37	Exhaust Fan	1	68	100%	46.3	47.9	-41.6	0	3	0	0	0	0	0	0.0	29.4	
NAP 501.1F	EVCR	S38	Exhaust Fan	1	68	100%	44.3	46.1	-41.3	0	3	0	0	0	0	0	0.0	29.7	
NAP 501.13F	Cooling Tower	S1	CT	2	80	100%	46.4	48.5	-41.7	0	3	0	0	0	3	0	44.3	49	
NAP 501.13F	VRV	S2	PAU/OU-GAM-01	4	68	100%	25.9	29.5	-37.4	0	3	0	0	0	6	0	38.6		
NAP 501.13F	VRV	S3	YOU-GAM-01	6	68	100%	25.9	29.5	-37.4	0	3	0	0	0	6	0	41.4		
NAP 501.13F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	28.0	33.8	-38.6	-10	3	0	0	0	3	0	29.4		
NAP 501.13F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	28.0	33.8	-38.6	-10	3	0	0	0	6	0	32.4		
NAP 501.13F	PAU	S6	PAU	1	72	100%	28.0	33.8	-38.6	-10	3	0	0	0	0	0	26.4		
NAP 501.13F	PAU	S7	PAU	1	72	100%	28.0	33.8	-38.6	-10	3	0	0	0	0	0	26.4		
NAP 501.13F	PAU	S8	PAU	1	72	100%	28.0	33.8	-38.6	-10	3</								

NAP ID	Room	Source ID	Identified Noise Sources	Quantity/Max concurrent works, nos.	Maximum Allowable SWL, dB(A)	Percentage on time over 30 min	Horizontal Distance, m	Start Distance, m	Distance Attenuation, dB(A)	Overall Barrier Correction, dB(A)	Facade Correction, dB(A)	Correction for Tonality, dB(A)	Correction for Impulsiveness, dB(A)	Correction for Interference, dB(A)	Correction for Quantity, dB(A)	Percentage of Noise Correction, dB(A)	Predicted Noise Level, dB(A)	Resultant SPL, Log(30mins), dB(A)	
NAP 601.1F	Cooling Tower	S1	CT	2	80	100%	40.2	45.9	-41.2	-10	3	0	0	0	3	0	34.8	49	
NAP 601.1F	VRV	S2	PAUOU-GAM-01	4	68	100%	37.4	43.4	-40.7	-10	3	0	0	0	6	0	26.3		
NAP 601.1F	VRV	S3	YOU-GAM-01	6	68	100%	37.4	43.4	-40.7	-10	3	0	0	0	8	0	26.1		
NAP 601.1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	38.0	41.7	-40.4	-10	3	0	0	0	3	0	27.6		
NAP 601.1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	38.0	41.7	-40.4	-10	3	0	0	0	6	0	30.6		
NAP 601.1F	PAU	S6	PAU	1	72	100%	38.0	41.7	-40.4	-10	3	0	0	0	0	0	24.6		
NAP 601.1F	PAU	S7	PAU	1	72	100%	38.0	41.7	-40.4	-10	3	0	0	0	0	0	24.6		
NAP 601.1F	PAU	S8	PAU	1	72	100%	38.0	41.7	-40.4	-10	3	0	0	0	0	0	24.6		
NAP 601.1F	PAU	S9	PAU	1	72	100%	38.0	41.7	-40.4	-10	3	0	0	0	0	0	24.6		
NAP 601.1F	AC Water Pump Room	S10	Pump	2	72	100%	31.8	32.1	-38.1	-10	3	0	0	0	3	0	25.9		
NAP 601.1F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	31.8	35.7	-39.3	-10	3	0	0	0	9	0	34.7		
NAP 601.1F	Generator Room (FSB)	S12	Exhaust Fan	1	68	100%	20.0	29.8	-37.5	0	3	0	0	0	0	0	33.5		
NAP 601.1F	Generator Room (Non-FSB)	S13	Exhaust Fan	1	68	100%	52.8	57.2	-43.1	-10	3	0	0	0	0	0	17.9		
NAP 601.1F	MCC	S14	Exhaust Fan	1	68	100%	52.8	57.2	-43.1	0	3	0	0	0	0	0	27.9		
NAP 601.1F	ELV	S15	Exhaust Fan	2	68	100%	52.8	57.2	-43.1	0	3	0	0	0	3	0	30.9		
NAP 601.1F	PVCR	S16	Exhaust Fan	1	68	100%	18.9	29.0	-37.2	-10	3	0	0	0	0	0	23.8		
NAP 601.1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	26.9	31.9	-38.1	-10	3	0	0	0	0	0	22.9		
NAP 601.1F	PAU	S18	Exhaust Fan	1	68	100%	26.9	31.9	-38.1	0	3	0	0	0	0	0	32.9		
NAP 601.1F	ELEC	S19	Exhaust Fan	2	68	100%	20.1	28.4	-38.4	0	3	0	0	0	3	0	37.6		
NAP 601.1F	SHOWER	S20	Exhaust Fan	2	68	100%	22.4	28.2	-37	0	3	0	0	0	3	0	37.0		
NAP 601.1F	PAU	S21	Exhaust Fan	1	68	100%	22.4	28.2	-37	-10	3	0	0	0	0	0	24.0		
NAP 601.1F	ELV	S22	Exhaust Fan	2	68	100%	22.4	28.2	-37	0	3	0	0	0	3	0	37.0		
NAP 601.1F	M LAV	S23	Exhaust Fan	2	68	100%	23.5	25.8	-36.4	0	3	0	0	0	3	0	35.4		
NAP 601.1F	PAU	S24	Exhaust Fan	1	68	100%	23.5	25.8	-36.2	0	3	0	0	0	0	0	34.8		
NAP 601.1F	ELV	S25	Exhaust Fan	2	68	100%	23.5	25.8	-36.2	0	3	0	0	0	3	0	37.8		
NAP 601.1F	PANTRY	S26	Exhaust Fan	3	68	100%	23.5	25.8	-36.2	0	3	0	0	0	5	0	29.6		
NAP 601.1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	45.4	46.1	-41.3	-10	3	0	0	0	0	0	19.7		
NAP 601.1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	25.0	25.8	-36.3	0	3	0	0	0	5	0	30.8		
NAP 601.1F	PAU	S29	Exhaust Fan	1	68	100%	25.0	25.4	-36.1	0	3	0	0	0	0	0	34.9		
NAP 601.1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	46.9	47.1	-41.5	-10	3	0	0	0	0	0	19.5		
NAP 601.1F	ELV	S31	Exhaust Fan	2	68	100%	21.8	21.8	-34.8	0	3	0	0	0	3	0	39.2		
NAP 601.1F	Battery Room	S32	Exhaust Fan	2	68	100%	65.8	65.8	-44.4	-10	3	0	0	0	3	0	19.6		
NAP 601.1F	TBE Room	S33	Exhaust Fan	1	68	100%	65.8	65.8	-44.4	-10	3	0	0	0	0	0	16.6		
NAP 601.1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	65.8	65.8	-44.4	-10	3	0	0	0	0	0	16.6		
NAP 601.1F	AT	S35	Exhaust Fan	2	68	100%	63.0	63.0	-42.5	-10	3	0	0	0	3	0.0	0.0		
NAP 601.1F	Parity	S36	Exhaust Fan	2	68	100%	50.7	50.7	-42.1	-10	3	0	0	0	3	0.0	21.9		
NAP 601.1F	R/SAMRC	S37	Exhaust Fan	1	68	100%	15.2	15.2	-31.6	0	3	0	0	0	0	0	0.0		38.4
NAP 601.1F	EVC/R	S38	Exhaust Fan	1	68	100%	15.5	15.6	-31.9	0	3	0	0	0	0	0	0.0		38.1
NAP 601.1F	Cooling Tower	S1	CT	2	80	100%	40.2	41.1	-40.3	-10	3	0	0	0	3	0	35.7	50	
NAP 601.1F	VRV	S2	PAUOU-GAM-01	4	68	100%	37.4	38.4	-39.7	-10	3	0	0	0	6	0	27.3		
NAP 601.1F	VRV	S3	YOU-GAM-01	6	68	100%	37.4	38.4	-39.7	-10	3	0	0	0	8	0	29.1		
NAP 601.1F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	38.0	39.2	-39.6	-10	3	0	0	0	3	0	32.6		
NAP 601.1F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	38.0	38.2	-39.6	-10	3	0	0	0	6	0	31.4		
NAP 601.1F	PAU	S6	PAU	1	72	100%	38.0	38.2	-39.6	-10	3	0	0	0	0	0	25.4		
NAP 601.1F	PAU	S7	PAU	1	72	100%	38.0	38.2	-39.6	-10	3	0	0	0	0	0	25.4		
NAP 601.1F	PAU	S8	PAU	1	72	100%	38.0	38.2	-39.6	-10	3	0	0	0	0	0	25.4		
NAP 601.1F	AC Water Pump Room	S10	Pump	2	72	100%	31.8	33.0	-38.4	-10	3	0	0	0	3	0	29.6		
NAP 601.1F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	31.8	34.5	-38.8	-10	3	0	0	0	9	0	35.2		
NAP 601.1F	Generator Room (FSB)	S12	Exhaust Fan	1	68	100%	20.0	21.8	-34.8	0	3	0	0	0	0	0	36.2		
NAP 601.1F	Generator Room (Non-FSB)	S13	Exhaust Fan	1	68	100%	52.8	53.5	-42.6	-10	3	0	0	0	0	0	18.4		
NAP 601.1F	MCC	S14	Exhaust Fan	1	68	100%	52.8	53.5	-42.6	0	3	0	0	0	0	0	28.4		
NAP 601.1F	ELV	S15	Exhaust Fan	2	68	100%	52.8	53.5	-42.6	0	3	0	0	0	3	0	31.4		
NAP 601.1F	PVCR	S16	Exhaust Fan	1	68	100%	18.9	20.7	-34.3	-10	3	0	0	0	0	0	26.7		
NAP 601.1F	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	26.9	27.1	-36.7	-10	3	0	0	0	0	0	24.3		
NAP 601.1F	PAU	S18	Exhaust Fan	1	68	100%	26.9	27.1	-36.7	0	3	0	0	0	0	0	34.3		
NAP 601.1F	ELEC	S19	Exhaust Fan	2	68	100%	20.1	20.4	-36.3	0	3	0	0	0	3	0	39.1		
NAP 601.1F	SHOWER	S20	Exhaust Fan	2	68	100%	22.4	22.7	-35.1	0	3	0	0	0	3	0	38.9		
NAP 601.1F	PAU	S21	Exhaust Fan	1	68	100%	22.4	22.7	-35.1	-10	3	0	0	0	0	0	25.9		
NAP 601.1F	ELV	S22	Exhaust Fan	2	68	100%	22.4	22.7	-35.1	0	3	0	0	0	3	0	38.9		
NAP 601.1F	M LAV	S23	Exhaust Fan	2	68	100%	22.4	22.4	-35.0	0	3	0	0	0	3	0	39.0		
NAP 601.1F	PAU	S24	Exhaust Fan	1	68	100%	23.5	23.6	-35.5	0	3	0	0	0	0	0	35.6		
NAP 601.1F	ELV	S25	Exhaust Fan	2	68	100%	23.5	23.6	-35.5	0	3	0	0	0	3	0	38.5		
NAP 601.1F	PANTRY	S26	Exhaust Fan	3	68	100%	23.5	23.6	-35.5	-10	3	0	0	0	5	0	30.3		
NAP 601.1F	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	45.4	45.8	-41.2	-10	3	0	0	0	0	0	19.8		
NAP 601.1F	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	25.4	25.9	-36.6	0	3	0	0	0	5	0	39.2		
NAP 601.1F	PAU	S29	Exhaust Fan	1	68	100%	25.0	26.5	-36.5	0	3	0	0	0	0	0	34.6		
NAP 601.1F	Electronic Workshop	S30	Exhaust Fan	1	68	100%	46.9	47.7	-41.6	-10	3	0	0	0	0	0	19.4		
NAP 601.1F	ELV	S31	Exhaust Fan	2	68	100%	21.8	24.9	-35.9	0	3	0	0	0	3	0	38.1		
NAP 601.1F	Battery Room	S32	Exhaust Fan	2	68	100%	65.8	66.9	-44.5	-10	3	0	0	0	3	0	19.5		
NAP 601.1F	TBE Room	S33	Exhaust Fan	1	68	100%	65.8	66.9	-44.5	-10	3	0	0	0	0	0	16.5		
NAP 601.1F	Electronic workshop	S34	Exhaust Fan	1	68	100%	65.8	66.9	-44.5	-10	3	0	0	0	0	0	16.5		
NAP 601.1F	AT	S35	Exhaust Fan	2	68	100%	63.0	64.4	-42.7	-10	3	0	0	0	3	0.0	0.0		
NAP 601.1F	Parity	S36	Exhaust Fan	2	68	100%	50.7	52.1	-42.3	-10	3	0	0	0	3	0.0	21.7		
NAP 601.1F	R/SAMRC	S37	Exhaust Fan	1	68	100%	15.2	19.3	-33.7	0	3	0	0	0	0	0	0.0		37.3
NAP 601.1F	EVC/R	S38	Exhaust Fan	1	68	100%	15.5	19.6	-33.8	0	3	0	0	0	0	0	0.0		37.2
NAP 601.13F	Cooling Tower	S1	CT	2	80	100%	40.2	42.3	-40.5	-10	3	0	0	0	3	0	35.5		47
NAP 601.13F	VRV	S2	PAUOU-GAM-01	4	68	100%	37.4	39.6	-40.0	-10	3	0	0	0	6	0	27.0		
NAP 601.13F	VRV	S3	YOU-GAM-01	6	68	100%	37.4	39.6	-40.0	-10	3	0	0	0	8	0	28.8		
NAP 601.13F	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	38.0	42.0	-40.5	-10	3	0	0	0	3	0	27.5		
NAP 601.13F	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	38.0	42.0	-40.5	-10	3	0	0	0	6	0	30.5		
NAP 601.13F	PAU	S6	PAU	1	72	100%	38.0	42.0	-40.5	-10	3	0	0	0	0	0	24.5		
NAP 601.13F	PAU	S7	PAU	1	72	100%	38.0	42.0	-40.5	-10	3	0	0	0	0	0	24.5		
NAP 601.13F	PAU	S8	PAU	1	72	100%	38.0	42.0	-40.5	-10	3	0	0	0	0	0	24.5		
NAP 601.13F	AC Water Pump Room	S10	Pump	2	72	100%	31.8	44.0	-40.9	-10	3	0	0	0	3	0	27.1		
NAP 601.13F	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	31.8	35.0	-38.9	-10	3	0	0	0	9	0	35.1		
NAP 601.1																			

NAP ID	Room	Source ID	Identified Noise Sources	Quantity / Max concurrent works, nos.	Maximum Allowable SWL, dB(A)	Percentage on time over 30 min	Horizontal Distance, m	Start Distance, m	Distance Attenuation, dB(A)	Overall Barrier Correction, dB(A)	Facade Correction, dB(A)	Correction for Tonality, dB(A)	Correction for Impulsiveness, dB(A)	Correction for Interference, dB(A)	Correction for Quantity, dB(A)	Percentage of Annual Correction, dB(A)	Predicted Noise Level, dB(A)	Resultant SPL, Log(30mins), dB(A)	
NAP 701_G	Cooling Tower	S1	CT	2	80	100%	79.6	83.4	-48.4	-10	3	0	0	0	0	3	0	29.6	
NAP 701_G	VRV	S2	PAUOU-GAM-01	4	68	100%	99.1	99.9	-48.0	-10	3	0	0	0	0	6	0	19.0	
NAP 701_G	VRV	S3	YOU-GAM-01	6	68	100%	99.1	99.9	-48.0	-10	3	0	0	0	0	8	0	20.8	
NAP 701_G	Water Cooled Chiller	S4	Water Cooled Chiller	2	72	100%	97.4	97.7	-47.8	-10	3	0	0	0	0	0	6	0	23.2
NAP 701_G	Water Cooled Chiller	S5	Water Cooled Chiller	4	72	100%	97.4	97.7	-47.8	-10	3	0	0	0	0	0	6	0	23.2
NAP 701_G	Water Cooled Chiller	S6	PAU	1	72	100%	97.4	97.7	-47.8	-10	3	0	0	0	0	0	0	0	17.2
NAP 701_G	PAU	S7	PAU	1	72	100%	97.4	97.7	-47.8	-10	3	0	0	0	0	0	0	0	17.2
NAP 701_G	PAU	S8	PAU	1	72	100%	97.4	97.7	-47.8	-10	3	0	0	0	0	0	0	0	17.2
NAP 701_G	PAU	S9	PAU	1	72	100%	97.4	97.7	-47.8	-10	3	0	0	0	0	0	0	0	17.2
NAP 701_G	AC Water Pump Room	S10	Pump	2	72	100%	88.7	88.9	-47.0	-10	3	0	0	0	0	0	3	0	21.0
NAP 701_G	Potable / Flushing / Cleaning / Irrigation Pump Room	S11	Pump	8	72	100%	88.7	104.8	-48.4	-10	3	0	0	0	0	0	9	0	25.6
NAP 701_G	Generator Room (FSB)	S12	Exhaust Fan	1	68	100%	87.8	87.8	-47.0	-10	3	0	0	0	0	0	0	0	14.1
NAP 701_G	Generator Room (Non-FSB)	S13	Exhaust Fan	1	68	100%	86.7	86.7	-46.8	-10	3	0	0	0	0	0	0	0	14.2
NAP 701_G	MCC	S14	Exhaust Fan	1	68	100%	86.7	86.7	-46.8	-10	3	0	0	0	0	0	0	0	14.2
NAP 701_G	ELV	S15	Exhaust Fan	2	68	100%	86.7	87.7	-46.9	-10	3	0	0	0	0	0	0	0	17.1
NAP 701_G	PVCR	S16	Exhaust Fan	1	68	100%	86.4	87.4	-46.8	-10	3	0	0	0	0	0	0	0	14.2
NAP 701_G	Water Cooled Chiller	S17	Exhaust Fan	1	68	100%	95.1	95.5	-47.6	-10	3	0	0	0	0	0	0	0	13.4
NAP 701_G	PAU	S18	Exhaust Fan	1	68	100%	95.1	95.5	-47.6	-10	3	0	0	0	0	0	0	0	13.4
NAP 701_G	ELV	S19	Exhaust Fan	2	68	100%	90.9	91.1	-47.2	-10	3	0	0	0	0	0	0	0	16.3
NAP 701_G	SHOWER	S20	Exhaust Fan	2	68	100%	93.0	93.4	-47.4	-10	3	0	0	0	0	0	0	0	16.6
NAP 701_G	PAU	S21	Exhaust Fan	1	68	100%	93.0	93.4	-47.4	-10	3	0	0	0	0	0	0	0	13.6
NAP 701_G	ELV	S22	Exhaust Fan	2	68	100%	93.0	93.4	-47.4	-10	3	0	0	0	0	0	0	0	16.6
NAP 701_G	M LAV	S23	Exhaust Fan	2	68	100%	93.2	93.4	-47.4	-10	3	0	0	0	0	0	0	0	16.6
NAP 701_G	M LAV	S24	Exhaust Fan	1	68	100%	92.9	92.8	-46.9	-10	3	0	0	0	0	0	0	0	14.1
NAP 701_G	ELV	S25	Exhaust Fan	2	68	100%	87.8	87.8	-46.9	-10	3	0	0	0	0	0	0	0	27.1
NAP 701_G	PANTRY	S26	Exhaust Fan	3	68	100%	87.8	87.8	-46.9	-10	3	0	0	0	0	0	0	0	28.9
NAP 701_G	CALIBRATION LABORATORY	S27	Exhaust Fan	1	68	100%	105.6	105.7	-48.5	-10	3	0	0	0	0	0	0	0	12.5
NAP 701_G	Sprinkler Pump & Tank	S28	Exhaust Fan	3	68	100%	76.6	78.3	-45.9	-10	3	0	0	0	0	0	0	0	29.9
NAP 701_G	PAU	S29	Exhaust Fan	1	68	100%	93.3	93.4	-47.4	-10	3	0	0	0	0	0	0	0	13.5
NAP 701_G	Electronic Workshop	S30	Exhaust Fan	1	68	100%	107.2	107.3	-48.6	-10	3	0	0	0	0	0	0	0	12.9
NAP 701_G	ELV	S31	Exhaust Fan	2	68	100%	90.2	90.5	-47.1	-10	3	0	0	0	0	0	0	0	16.9
NAP 701_G	Battery Room	S32	Exhaust Fan	2	68	100%	114.5	114.7	-49.2	-10	3	0	0	0	0	0	0	0	14.8
NAP 701_G	TBE Room	S33	Exhaust Fan	1	68	100%	114.5	114.7	-49.2	-10	3	0	0	0	0	0	0	0	11.8
NAP 701_G	Electronic workshop	S34	Exhaust Fan	1	68	100%	114.5	114.7	-49.2	-10	3	0	0	0	0	0	0	0	11.8
NAP 701_G	AT	S35	Exhaust Fan	2	68	100%	103.2	103.5	-48.3	-10	3	0	0	0	0	0	0	0	0.0
NAP 701_G	AT	S36	Exhaust Fan	2	68	100%	104.8	105.1	-48.4	-10	3	0	0	0	0	0	0	0	0.0
NAP 701_G	Parity	S37	Exhaust Fan	1	68	100%	80.0	80.3	-46.1	-10	3	0	0	0	0	0	0	0	0.0
NAP 701_G	RSAMRC	S37	Exhaust Fan	1	68	100%	80.0	80.3	-46.1	-10	3	0	0	0	0	0	0	0	0.0
NAP 701_G	EVCR	S38	Exhaust Fan	1	68	100%	81.4	81.8	-46.3	-10	3	0	0	0	0	0	0	0	0.0
NAP 701_G	EVCR	S38	Exhaust Fan	1	68	100%	81.4	81.8	-46.3	-10	3	0	0	0	0	0	0	0	0.0