MARKS AND SPENCER - MANCHESTER INFIRMARY HOSPITAL

REFRIGERATION PLANT SUMMARY

NEW PLANT REQUIRED

PLANT REFERENCE	LOCATION	MANUFACTURER	UNIT TYPE	MODEL	OVERALL DIMENSIONS			PED CATEGORY	REFRIGERANT	OVERALL	SOUND PRESSURE LEVELS, dB @ 10m									NOISE LEVEL
					WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)			WET WEIGHT (kg)	CONDITION	63Hz	125Hz	250Hz	500Hz	1k Hz	2k Hz	4k Hz	8k Hz	@ 10m dB(A)
C-UNIT 1	ROOF	SEARLE	CONDENSING UNIT	N2DQ90-3MX-E	600.0	2260.0	1192.0	2	R407A	295	A	48.9	40.9	33.9	38.9	36.9	31.9	26.9	26.9	45 / 41
C-UNIT 2	ROOF	SEARLE	CONDENSING UNIT	N2DQ60-3MX-D	600.0	1560.0	1192.0	2	R407A	240		44	36	28	30	33	34	23	20	42 / 38

EXISTING PLANT RETAINED

PLANT REFERENCE	LOCATION	MANUFACTURER	UNIT TYPE	MODEL	OVERALL DIMENSIONS			PED CATEGORY	REFRIGERANT	OVERALL	SOUND PRESSURE LEVELS, dB @ 10m									NOISE LEVEL
					WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)			WET WEIGHT (kg)	CONDITION	63Hz	125Hz	250Hz	500Hz	1k Hz	2k Hz	4k Hz	8k Hz	@ 10m dB(A)
N/A																				

EXISTING PLANT TO BE REMOVED

PLANT REFERENCE	LOCATION	MANUFACTURER	UNIT TYPE	MODEL	OVERALL DIMENSIONS			PED CATEGORY	REFRIGERANT	OVERALL	SOUND PRESSURE LEVELS, dB @ 10m									NOISE LEVEL
					WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)			WET WEIGHT (kg)	CONDITION	63Hz	125Hz	250Hz	500Hz	1k Hz	2k Hz	4k Hz	8k Hz	@ 10m dB(A)
N/A																				

EXISTING HOUSING TO BE REMOVED

HOUSING REFERENCE	LOCATION	MANUFACTURER	TYPE	OVERALL DIMENSIONS		
				WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)
N/A						

PLANT SUMMARY NOTES

- CONDITION A=MAXIMUM PLANT OPERATING CONDITIONS DURING TRADING (ALL COMPRESSORS AND FANS IN OPERATION)
- NOISE LEVELS ON SITE MAY VARY FROM FIGURES GIVEN DUE TO ACOUSTIC CHARACTERISTICS OF THE INSTALLATION

PLANT SUMMARY STATUS

SCHEDULE REVISION	A
BASED ON SALESFLOOR DRAWING	9502-02-00 REV P
ENGINEER	LK
DATE	05/07/2013
VERIFIED AND CHECKED BY	TC
SIGNATURE	
VERIFICATION DATE	05/07/2013

Searle Cond Unit Case E

