



Sterling Denims Ltd .

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ODS Inventory 2019

ASHRAE safety group	Serial No	Area	Equipment Name	OUTDOOR		date of recharge	kg	Number of Units	TYPE OF REFRIGERENT/Chemical name /formula	Refrigerant charge (KG)
				Model	Serial no					
Office/ Admin Area /Production Area										
ODS (Ozone Depleting substance) R-22										
1A ₁	1	Under Ground floor (Chemical store)	Ac	AOG54APA32	TO16664	19.06.19	3.2	1	R-22 (or HCFC-22 chlorodifluoromethane)/CHF2Cl2	17.7
						18.11.19	10			
						17.12.19	4.5			
2A ₁	2	Ground Floor (DGM SIR)	Ac	AOG18AAT	T259457	18.08.19	2.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	5
						01.10.19	2.5			
3A ₁	3	Ground Floor (Ozone Machine)	chiller			21.7.19	1	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	1
4A ₁	4	Under Ground floor (Laser ROOM 3 no)	Ac	RUR- 10-WY-01		28.07.19	7	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	14.5
						21.08.19	4.5			
						14.12.19	3			
5A ₁	5	Ground Floor(Accounts)	Ac	ABG-36A		26.06.19	1.4	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	2.4
						06.08.19	1			
6A ₁	6	Ground Floor(Gisan Sir)	Ac	AOGR24AAT	TO93220	28.03.19	2	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	2
7A ₁	7	Ground Floor(LABROOM)	Ac	AOG54APA32	TO16662	15.05.19	12.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	23.5
						20.05.19	3			
						22.10.19	8			
8A ₁	8	ETP Lab (2nd floor)	Ac	W-70GO		14.05.19	2	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	8.4
						17.06.19	2			
						23.07.19	2			
						24.08.19	2.4			
9A ₁	9	Child Care Room	Ac			31.07.19	2.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	2.5
10A ₁	10	First Floor(Saman Sir)	Ac	ASGA-12 NTD		03.05.19	1.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	1.5
11A ₁	11	CAD Room (6 th floor)	Ac			14.12.19	2	1	R-22 (or HCFC-22 chlorodifluoromethane)/CHF2	2
12A ₁	12	GM Admin room (6 th floor)	Ac			21.08.19	5	1	R-22 (or HCFC-22 chlorodifluoromethane)/CHF2C	5
13A ₁	13	Lab room (6 th floor)	Ac			18.10.19	2.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	2.5
14A ₁	14	Accounts Room (6 th floor)	Ac			28.03.19	3.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	3.5

15A ₁	15	ED Sir Room (5th floor)	Ac			25.11.19	0.45	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	0.45
16A ₁	16	DGM Sir Room (5th floor)	Ac			11.07.19	2.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	2.5
17A ₁	17	Conference Room (3rd floor)	Ac			6.10.19	4	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	4
18A ₁	18	GM Operation (3rd floor)	Ac			29.09.19	1.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	1.5
19A ₁	19	Moisture Room -1 (2nd floor)	Ac			09.09.19	4.5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	4.5
20A ₁	20	Moisture Room -2 (2nd floor)	Ac			29.09.19	4	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	4
21A ₁	21	Medical Room (2nd floor)	Ac			22.05.19	3	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	3
22A ₁	22	N.Q.C Room (2nd floor)	Ac			07.10.19	5	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	5
23A ₁	23	A G M Quality Room (2nd floor)	Ac			27.10.19	3	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	3
24A ₁	24	CAD Room-2 (2nd floor)	Ac			09.05.19	1	1	R-22(orHCFC-22 chlorodifluoromethane)/CHF2Cl2	1
							Total		120.45	
Non-ODS (Non-Ozone Depleting substance) R-134a										
25A ₁	25	(unit-2)	2 no brongo machine (mini Ac)			21.03.19	0.4	1	R-134a(or HFC-134a 1,1,1,2-Tetrafluoroethane)/CF3CH2F	1.4
						16.04.19	0.4			
						30.12.19	0.6			
26A ₁	26	Underground (laser room)	4 no chiller (Laser mini Ac)			20.10.19	13	1	R-134a(or HFC-134a 1,1,1,2-Tetrafluoroethane)/CF3CH2F	13
27A ₁	27	canteen	freeze (Walton)			20.08.19	0.3		R-134a(or HFC-134a 1,1,1,2-Tetrafluoroethane)/CF3CH2F	0.3
28A ₁	28	(unit-2)	5 no tonello machine (Tonello			06.10.19	0.3	1	R-134a(or HFC-134a 1,1,1,2-Tetrafluoroethane)/CF3CH2F	0.3
29A ₁	29	(unit-2)	7 no tonello machine (Tonello mini AC)			21.03.19	0.45	1	R-134a(or HFC-134a 1,1,1,2-Tetrafluoroethane)	0.85
						26.11.19	0.4			
30A ₁	30	(unit-2)	4 no tonello mini Ac machine (Tonello mini AC)			13.04.19	0.35	1	R-134a(or HFC-134a 1,1,1,2-Tetrafluoroethane)/CF3CH2F	2.55
						03.04.19	0.5			
						06.10.19	0.4			
						17.10.19	0.5			
						27.10.19	0.4			
						05.11.19	0.4			

31A ₁	31	(unit-2)	6no tonello machine (Tonello mini AC)			05.07.19	0.4	1	R-134a(or HFC-134a 1,1,1,2-Tetrafluoroethane)/CF3CH2F	1.6
						10.10.19	0.4			
						26.11.19	0.4			
						17.12.19	0.4			
								Total	20	
Non-ODS (Non-Ozone Depleting substance) R-410a										
32A ₁	32	Wash floor	Ozone machine (Ac)			25.04.19	0.4	1	R-410a (or R32/125)	0.4
33A ₁	33	Underground (laser room)	1 no chiller			18.01.19	2	1	R-410a (or R32/125)	2
34A ₁	34	Underground (laser room)	2 no Ac			07.04.19	5	1	R-410a (or R32/125)	5
								Total	7.4	
Non-ODS (Non-Ozone Depleting substance) R- 600a										
35A3	35	ETP Lab (2nd floor)	Incubator (Bod)	VELP FTC-120		25.04.19	0.5	1	600a (or Iso-Butane)/C4H10	0.5
36A3	36	(unit-2)	6no tonello machine (mini Ac)			26.11.19	0.4	1	600a (or Iso-Butane)/C4H10	0.4
								Total	0.9	
Non-ODS (Non-Ozone Depleting substance) R- 407c										
37A ₁	37	Wash floor	Ozone Chiller			29.06.19	1.2	1	R32/125/134a	3.4
						20.08.19	1.2			
						08.09.19	1			
38A ₁	38	Underground (laser room)	4 no chiller(Laser)			30.08.19	5.5	1	R32/125/134a	5.5
39A ₁	39	Underground (laser room)	1 no chiller(Laser)			18.01.19	4	1	R32/125/134a	4
								Total	12.9	

1. ASHRAE Safety Group (American society for heating Refrigerent & Air-cnditioning Engineers

A1	Lower toxicity &no flammability	B1	Higher Toxicity &no flammability
A2L	Lower toxicity &Lower flammability	B2L	Higher toxicity &Lower flammability
A2	Lower toxicity & flammable	B2	Higher toxicity & flammable
A3	Lower toxicity &Higher flammability	B3	Higher toxicity &Higher flammability