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TITLE: REPORT FOR VOLATILE ORGANIC CARBON (VOC) EXPOSURE LEVEL (LEL) MONITORING IN WORK AREA	AND LOWEI

# REPORT FOR VOLATILE ORGANIC CARBON (VOC) AND LOWER EXPOSURE LEVEL (LEL) MONITORING IN WORK AREA

**Block**: All Production Blocks, QC & WH

SHILPA PHARMA LIFESCIENCES LIMITED, UNIT-2					
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# APPROVAL PAGE

Signing of this approval page of miscellaneous study interim report indicates agreement with the methodology and the various factors captured in this report.

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### 1.0 INTRODUCTION

Organic Volatile Carbon (VOC) and Lower Exposure Levels (LEL) monitoring is done in work area at specified locations as per the procedure defined in protocol (Ref. Protocol No.: PC/PD/VOC&LEL/WA/001/23).

The Organic Volatile Carbon (VOC) and Lower Exposure Levels (LEL) results of mentioned production blocks are tabulated below;

S. No.	Block	Location of monitoring	VOC in ppm	LEL in	Remarks
1.		Centrifuge (E/CF-05) vent during spinning.	0	0	
2.		In front of Centrifuge (E/CF-05).	0	0	
3.		During unloading of wet material from Centrifuge (E/CF-05).	1	0	VOC & LEL monitored
4.		During opening of Sparkler Filter (E/SF-05).	0	0	during Nor-
5	Е	During washing of Sparkler Filter (E/SF-05).	11	0	UDC ODA Dhatab
6.		At extension area of reactor (E/RE-22) during washing.	0	0	(NDA-I) batch, Process &
7		Pharma area equipment wash room during cleaning of equipment.	1	0	Cleaning activities
8.		Washing room-Repacking area,	0	0	
9.		Outside area-E/RC-18: during cleaning	0	0	
10.		AO/RE-11 Intermediate area.	1	0	
11		AO/PTS-01 Pharma area.	1	0	
12.		Pharma Washing area.	1	0	
13.		AO/CF-03 area.	0	0	VOC & LEL monitored
14.		AO/RE-05 Intermediate Area.	0	0	during
15.	AO	AO/SF-05 Intermediate Area while opening the lid.	0	0	Tranexamic Acid batch,
16.		AO/SF-05 Intermediate washing area.	0	0	Process & Cleaning
17.		Crystallizer area between AO/RE-16 & AO/RE-16 during process activities.	0	0	activities
18.		Crystallizer area between AO/RE-16 & AO/RE-16 during batch to batch cleaning.	0	0	
19.		Crystallizer area AO/CF-03 during centrifugation.	1	0	

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S. No.	Block	Location of monitoring	VOC in ppm	LEL in	Remarks
20.		Crystallizer area AO/CF-03 during batch to batch cleaning.	0	0	
21.		Intermediate area near to vacuum pump AO/VP-05.	0	0	
22.		Outside area near AO/ST-11 & AO/ET-02 during NH3 solution preparation.	1	0	
23.		Outside area near AO/ST-11 & AO/ET-02 idle condition (with storage).	0	0	
24.		Outside area near AO/ST-12 & AO/ST-14A during MLs receiving.	0	0	
25.		Outside area near AO/ST-12 & AO/ST-14A idle condition (with storage).	0	0	
26.		Outside area near AO/ST-19 during water collection.	0	0	
27.		Outside area near AO/ST-19 idle condition.	0	0	
28.		At emergency exit: during batch running	0	0	
29.		At emergency exit (module-I): during batch running	0	0	
30.		At entry (module-2): during batch running	0	0	
31.		At AO/ cooling tower: during batch running	0	0	
32.		AO/RE-24: Batch Processing	0	0	VOC & LEL
33#		AO/RE-24: Batch to batch cleaning.	0	0	monitored during
34.	AO7	AO/ST-64: Batch transferring	0	0	Tranexamic Acid batch,
35.		AO/ST-64: Idle	0	0	Process & Cleaning
36.		AO/ST-66: Batch transferring	0	0	activities.
37.		AO/ST-66: Idle	0	0	
38.		AO/PNF-06: batch under processing	0	0	
39.		AO/PNF-06: batch to batch cleaning	0	0	
40,		Equipment wash area: during cleaning	1	0	

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S. No.	Block	Location of monitoring	VOC in ppm	LEL in %	Remarks
41.		Equipment wash area: idle	0	0	
42.		AO/RE-18: during NH <sub>3</sub> Purging	0	0	
43.		AO/RE-18: Idle with residue	0	0	
44.		AO/RE-20: during distillation	0	0	
45.		AO/RE-20: during batch to batch cleaning	0	0	9
46.		AO/ANFD-03: during process	0	0	
47.		AO/ANFD-03: during batch to batch cleaning	0	0	
48.		AO/RE-19: during HMA addition	0	0	
49.		AO/RE-19: during batch to batch cleaning	0	0	
50.		C/SF-01 intermediate area.	1	0	VOC & LEL
51.		At wash area, during C/SF-01 accessories washing.	1	0	monitored during
52.	С	Near reactor C/RE-14 during flushing with toluene.	1	0	Capecitabine batch, Process &
53.		Near C/RE-14A outside the block, during distilled MDC unloading	1	0	Cleaning activities
54.		H/RE-10 (M-II) intermediate area after flushing reactor with DMF.	1	0	
55.		H/SC-92 (M-II) Intermediate wash area during cleaning with methanol.	1	0	WOC 8 LEI
56.		H/CF-04 (M-II) intermediate area during centrifuge unloading.	1	0	VOC & LEL monitored during LDM
57.	Н	H/HY-02 Hydrogenator area after flushing with methanol.	1	0	batch, Process &
58.		H/PNF-01 Hydrogenator area during filtration.	0	0	Cleaning activities
59.		H/PNF-01 during celite bed formation with methanol.	1	0	
60.		H/RE-12 pharma area after flushing reactor with methanol.	1	0	

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S. No.	Block	Location of monitoring	VOC in ppm	LEL in	Remarks
61.		H/CF-01 & H/GB-01 Pharma Area during centrifugation.	1	0	
62.		H/SC-95 pharma area during cleaning.	0	0	
63.		H/RE-03 Intermediate area (M-I): IPAS flushing for CF washing.	1	0	
64.		H/MLTCF-06 using in MLs collection.	0	0	
65.		Centrifuge H/CF-06 wet material unloading.	1	0	
66.		Vacuum tray drier H/VTD-01 wet material loading	1	0	
67.		Vacuum tray drier H/VTD-01 dry material unloading.	0	0	
68.		Scoop H/SC-94 after cleaning with methanol.	1	0	
69.		AM/RE-15 Intermediate area after flushing the reactor with methanol.	1	0	
70.		AM/PNF-05 Lid opening.	1	0	
71.		Wash area during cleaning of AM/PNF-05 accessories with methanol.	1	0	
72.		AM/VTD-06 loading.	1	0	
73.		AM/VTD-06 unloading.	1	0	
74.		AM/RE-07 Pharma area after batch charging.	1	0	VOC & LEL
75.		AM/CF-07 Pharma area during wet material unloading.	1	0	monitored during
76.	AM	AM/VTD-01 Pharma area during dry material unloading.	1	0	Eltrombopag Olamine
77.		AM/RE-02 Intermediate area (M-I) after flushing the reactor with methanol.	0	0	batch, Process &
78.		AM/RE-04 Intermediate area (M-I) after flushing the reactor with methanol.	1	0	Cleaning activities
79.	_	AM/RE-09 Intermediate area (M-I) after flushing the reactor with methanol.	0	0	
80.		AM/PNF-01 Intermediate area (M-I) open condition (MDC).	0	0	
81.		AM/SF-01 Intermediate area (M-I) open condition (MDC).	0	0	
82.		AM/RE-04 Intermediate area (M-I) after flushing the reactor with DIPE.	0	0	

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S. No.	Block	Location of monitoring	VOC in ppm	LEL in %	Remarks
83.		AM/CF-06 Intermediate area (M-I) open condition (DIPE).	0	0	
84.		AM/VTD-03 Intermediate area (M-I) open condition.	0	0	
85.		Outside area: after activity	0	0	
86.		Near AJ/RE-06 reactor, during flushing of reactor with methanol.	1.	0	
87.		Near AJ/CF-02, during unloading of wet material.	1	0	VOC & LEL
88.	AJ	Near AJ/AT-02, during cleaning with methanol.	1	0	monitored during UDA batch,
89.		Near wash area, during cleaning of accessories with methanol.	1	0	Process & Cleaning
90.		Outside area AJ/MLTCF-01, after collection of methanol.	0	0	activities.
91.		Outside area AJ/CFCP-01, after collection of methanol.	0	0	
92.		D/RE-16 Intermediate area, during washing time.	0	0	
93.		D/SF-01 Intermediate area, during dish opening time.	0	0	VOC & LEL monitored
94.	D	D/SF-01 Intermediate area, during washing time.	0	0	during  Capecitabine
95.	D	Outside area-D/CFMLT-01: Toluene MLs collection	0	0	batch, Process &
96.		Pharma Area-D/CF-01 & D/GB-01: wet material unloading	0	0	Cleaning activities.
97.		Washing area- Pharma: While accessories cleaning	1	0	
98.		AI/RE-05 Intermediate Area, while IPA charging.	0	0	VOC & LEL monitored
99.	AI	AI/PNF-01 Intermediate Area, while reaction mass filtration.	0	0	during Axitinib
100		AI/PNF-01 Intermediate Area, while opening pressure nutsche filter.	0	0	batch, process & cleaning
101		AI/PNF-01 Intermediate Area, after cleaning.	0	0	activities.

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S. No.	Block	Location of monitoring	VOC in ppm	LEL in %	Remarks
102.		AI/RC-02 Outside Area, while unloading distilled IPA from receiver.	0	0	
103.		AI/PNFMLT-01 Outside Area, while unloading filtrate MLs.	0	0	
104.		Pharma area-AI/GT-10: While sucking methanol.			
105.		Pharma area-AI/MF-04: While opening the micron filter.			
106.		Pharma area-AI/MF-04: While cleaning the micron filter.			
107.		I/RE-05 Intermediate Area (Module-I), while flushing with MDC.	1	0	
108.		I/RF-04 Intermediate Area (Module-I), open condition MDC traces.	1	0	
109.		I/CF-01 Intermediate Area (Module-I), while wet material unloading.	1	0	
110.		I/VTD-02 Intermediate Area (Module-II), while loading wet material.	1	0	
111.		I/VTD-02 Intermediate Area (Module-II), while unloading dry material.	0	0	
112.		Washing Area Intermediate Area (Module-II), after accessories cleaning.	0	0	VOC & LEL monitored
113.	I	I/RE-17 Intermediate Area (Module-I), while flushing with water.	0	0	during Bendamustine
114.		I/RF-04 Intermediate Area (Module-I), open condition MDC traces.	1	0	Hydrochloride batch, Process &
115.		I/CF-02 Intermediate Area (Module-I), while wet material unloading.	1	0	Cleaning activities.
116.		I/VTD-01 Intermediate Area (Module-I), while loading wet material.	1	0	
117.		I/VTD-01 Intermediate Area (Module-I), while unloading dry material.	0	0	
118.		Washing Area Intermediate Area (Module-I), after accessories cleaning.	0	0	
119.		Outside area I/MLTNF-01, drying with nitrogen.	0	0	
120.		Pharma area I/RE-12, flushing with methanol.	1	0	

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S. No.	Block	Location of monitoring	VOC in ppm	LEL in	Remarks
121.		Pharma area- accessories cleaning with methanol.	1	0	
122.		G/RE-05 First Floor, After flushing with Acetone	1	0	
123.		G/RE-05 First Floor, under Acetone charging	1	0	
124.	0	G/CF-01 Ground Floor, under wet material unloading.	1	0	
125.		G/TD-01 Second Floor, under wet material loading.	1	0	
126.		G/TD-01 Second Floor, under dry material unloading.	0	0	VOC & LEL monitored
127,	G	Washing Area, after accessories cleaning with methanol.	0	0	during UDCA batch,
128.		G/MLTCF-01 Outside area - during collection of acetone MLs.	0	0	Process & cleaning
129.		G/MLTCF-02 Outside area - during collection of ethyl acetate MLs	0	0	activities.
130.		G/HMC-01 Outside area – during solvent collection.	0	0	
131.		G/FST-01 Outside area – during solvent collection.	0	0	
132.		G/RST-01 Outside area – during solvent collection.	0	0	
133.		Dispensing Area-01, with operation.	0	0	
134.		Dispensing Area-02, with operation.	0	0	
135.		Sampling Area, with operation.	0	0	Y 7 1
136.		Acid Dispensing Booth, with operation.	0	0	Warehouse during
137.	WH	Drum Storage Yard-01, with operation,	1	0	activities VOC & LEL levels.
138.		Drum Storage Yard-02, with operation.	0	0	& DDD icveis.
139.		Solvent Dispensing Area, with operation.	1	0	
140.		Solvent Tanks outside area, with operation.	N/A	0	
141.		Dispensing Area-01, without operation.	0	0	Warehouse without
142.		Dispensing Area-02, without operation.	0	0	activities VOC

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S. No.	Block	Location of monitoring	VOC in ppm	LEL in	Remarks
143.		Sampling Area, without operation.	0	0	& LEL levels
144.		Acid Dispensing Booth, without operation.	0	0	
145.		Drum Storage Yard-01, without operation.	0	0	
146.		Drum Storage Yard-02, without operation.	0	0	
147.		Solvent Dispensing Area, without operation.	0	0	
148.		Solvent Tanks outside area, without operation.	1	0	
149.		Weighing balance SPL2/QC/SB/001 during CPC material weighing.	0	0	Onelite Control
150.		Mobile preparation Capecitabine.	1	0	Quality Control during
151.	QC	Weighing balance SPL2/QC/WB/007 during Tranexamic acid material weighing.	0	0	activities & cleaning VOC
152.		Washing area accessories, test tube, pipet cleaning with methanol.	1	0	& LEL levels

From the above results, it is clear that, the airborne concentration of organic solvents (hazardous material) in the work area is negligible and the personnel can execute day-to-day operations without any adverse health effect.

However, the obtained LEL results were correlated with theatrical Threshold Limit Values (TLV) of majority of organic solvents used in the site and accordingly conclusions are draw as follows.

**Threshold Limit Value (TLV):** The maximum average airborne concentration of a hazardous material to which healthy adult workers can be exposed during an 8-hour workday and 40-hour workweek—over a working lifetime—without experiencing significant adverse health effects.

Immediately Dangerous to Life and Health Limits (IDLHs): The concentration of a chemical in the air to which healthy adult workers could be exposed (if their respirators fail) without suffering permanent or escape-impairing health effects.

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EXPOSURE LEVEL (LEL) MONITORING IN WORK AREA

					Maximum volume (L) of Solvent used block wise in Process & Cleaning				
S. No.	Name of the Organic Solvent	TLV (ppm)	IDLH (ppm)	Block	Product	Stage	Process	Cleaning	
1	A catio Ambreduido	5	200	AJ	RK	II	714.286	0	
1.	Acetic Anhydride	3	200	AI	Axitinib	IV	16.0	0	
				AM	Eltrombopag (EBA)	III	16.046	0	
				AI	Fingolimod HCl	I	14.4	0	
				AO	Oxcarbazepine	I	128.08	0	
	Acetic Acid	10	50	Е	Montelukast Sodium	I	300.0	0	
2.				D	Bicalutamide	II	550.048	0	
				С	Capecitabine	III	84.5	0	
				Н	Melphalan HCl	I	252.0	0	
				I	Lenvatinib Mesylate	IV	16.0	0	
				I	Lenvatinib Mesylate / LNT	III	123.05	Ō	
	,			Е	Tenofovir Disoproxil Fumarate	I	1305.0	0	
I.				Н	Busulfan	I	5.5	0	
3.	Acetonitrile	20	500	AM	Lenvatinib Mesylate / LVT	II	74.25	0	
				AI	Pomalidomide	I	170.6	0	
				С	TP1RM	I	2250.0	0	

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EXPOSURE LEVEL (LEL) MONITORING IN WORK AREA

					Maximum volume (L wise in Proc			block
S. No.	Name of the Organic Solvent	TLV (ppm)	IDLH (ppm)	Block	Product	Stage	Process	Cleaning
				AO	Tranexamic Acid (TXO)	VI	5147.0	0
				Е	Montelukast Sodium	I	80.051	0
				С	Capecitabine	I	20.0	0
4.	Acetone	500	2500	D	Azacitidine (AZD)	Ι	2985.0	0
				Н	Busulfan	I	372.0	0
				AM	Eltrombopag (EBA)	III	861.0	0
				AI	Zoledronic Acid	III	103.12	0
5.	n-Butanol	100	1400	Е	Tenofovir Alafenamide Fumarate	I	6.48	0
6.	Cyclohexane	100	1300	G	K / Rectified 2- Butanol	6K	100.0	0
				Е	TF7	I	2305.0	0
				D	Imatinib Mesylate	I	9160.0	0
				С	Capecitabine	III	4200.0	0
				G	Rectified MDC from PC-III	*	17.045	0
				AJ	K	5	325.758	0
7.	Dichloro methane	50	2,300	I	Lenvatinib Mesylate	III	2235.682	0
7	(DCM)	30	2,300	AI	Carmustine	I	140.152	0
				AM	Target-A	II	0	127.5
				Е	TF7	I	2025.0	0
				Н	Pemetrexed Disodium	I	1074.15	0
				AO	Oxcarbazepine	III	295.15	0

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					Maximum volume (I wise in Proc			block
S. No.	Name of the Organic Solvent	TLV (ppm)	IDLH (ppm)	Block	Product	Stage	Process	Cleaning
				AI	Pomalidomide	I	120.0	0
				AM	Eltrombopag (EBA) Int	III	82.503	0
	D' (1.1			С	TP1RM	I	223.01	0
8.	Dimethyl Formamide	10	500	D	Imatinib Mesylate	I	1210.0	0
	(DMF)		36	Н	Pemetrexed Disodium	I	250.15	0
				I	Pemetrexed Disodium Heptahydrate	I	96.07	0
				Н	Abiraterone Acetate	IV	442.0	0
				AM	Eltrombopag Olamine	I	68.1	0
9.	Ethanol	1000	3300	AI	Fingolimod HCl	I	84.6	0
				I	Pemetrexed Disodium Heptahydrate	II	148.3	0
				AI	Clofarabine	I	40.6	0
				AM	Varenicline Tartrate	I	42.6	0
10.	Hexane	500	1100	Е	Montelukast Sodium	I	1085.07	0
	1.1			Н	Abiraterone Acetate	III	739.0	0
				С	Enzalutamide KSM- III/ICT	I	523.0	0
				AI	Carmustine	I	101.778	0
				С	Capecitabine	II	84.0	0
11.	n-Heptane	400	750	D	Capecitabine (J)	II	60.0	0
				E	Montelukast Sodium	II	498.074	0
				I	Bendamustine HCl	II	240.889	0

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					Maximum volume (L wise in Proce			block
S. No.	Name of the Organic Solvent	TLV (ppm)	IDLH (ppm)	Block	Product	Stage	Process	Cleaning
				AM	Prucalopride Succinate	III	91.72	0
				AI	Azacitidine (AZA)	I	56.41	0
				D	Imatinib Mesylate	II	2945.0	0
12. Isopropyl Alcohol	400	2000	Н	Imatinib Mesylate (DMN)	I	850.0	0	
	ν.			Е	Tenofovir Disoproxil Fumarate	I	2455.0	0
				I	Azacitidine (ATZ)	I	328.0	0
				AO	Citicoline Sodium	I	1575.0	0
				AM	Eltrombopag olamine	I		779.0
				AI	Bortezomib	II		587.0
				AJ	K	5		2565.0
				G	K	6	***	1790.0
				AO	Tranexamic Acid (TXO)	V	SHEET!	1022.0
13.	Methanol	200	6000	С	Capecitabine	III	:###);	4720.0
				D	Capecitabine (PCJ)	I	()	2898.0
				Е	Nor-Ursodeoxycholic Acid	I		2405.5
				Н	Ibrutinib	IV	( <del>***</del> );	1028.0
				I	Lenvatinib Mesylate	III	(444)	1453.0
14.	n-Propanol	100	800	AM	Propyl Gallate	I	1680.4	0
	T 1 1 2			AI	Axitinib	III	53.7	0
15.	Tetrahydrofuran	50	2000	AM	Eltrombopag olamine	I	149.6	0
	(THF)			Н	Ibrutinib	I	710.0	0
				AI	Bortezomib	II	19.1	0
				С	Capecitabine	III	2358.0	0
16.	Toluene	50	500	D	Capecitabine (J)	III	3000.0	0
				Н	Erlotinib HCl	III	2295.5	0
				Е	Montelukast Sodium	I	2895.0	0

# WORK AREA AIR QUALITY MONITORING REPORT

**Department:** Production

Report No.: RPT/PD/VOC&LEL/WA/001/23

Page 15 of 15

Ref. Protocol No.: PC/PD/VOC&LEL/WA/001/23

TITLE: REPORT FOR VOLATILE ORGANIC CARBON (VOC) AND LOWER EXPOSURE LEVEL (LEL) MONITORING IN WORK AREA

2 1			IDLH 50 CF (mqq)		Maximum volume (L) of Solvent used block wise in Process & Cleaning				
S. No.	Name of the Organic Solvent	TLV (ppm)		Product	Stage	Process	Cleaning		
				AI	Pomalidomide	I	5.076	0	
				AM	Prucalopride Succinate	I	6.8	0	
17.	Triethyl Amine	10	200	G	Ursodeoxycholic Acid	II	55	0	
17	Themyl Amme	10	200	AJ	RK	II	1074.4	0	
				С	TP1RM	I	180	0	
				Е	Praziquantel	I	447.7	0	
				Н	Lenalidomide	I	27.931	0	

### 2.0 CONCLUSION:

From the work area monitoring (VOC & LEL) results, it is clear that, the airborne concentration of organic solvents (hazardous material) in the work area is negligible and the personnel can execute day-to-day operations without any adverse health effect. Moreover, the obtained results are far less than the TLV limits of respective organic solvents (hazardous material).

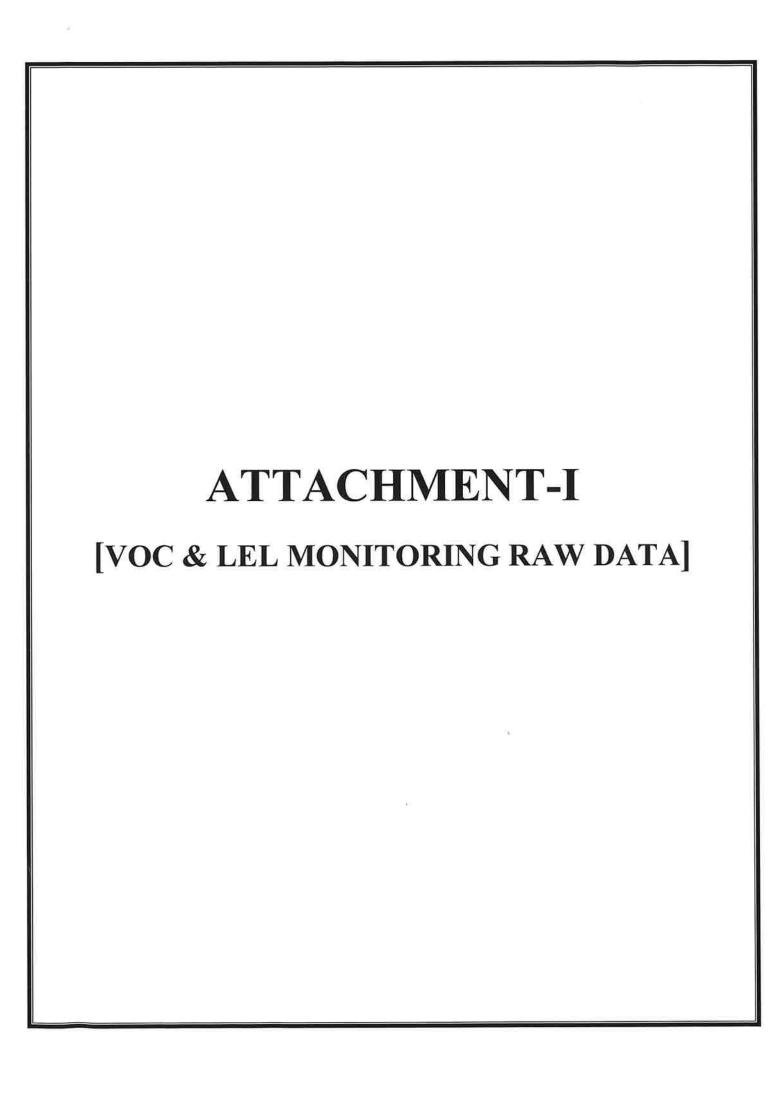
Hence, the risk of personnel exposure to organic vapors of hazardous chemicals is remote and the use of PPEs while handling organic solvents will give even more protection to personnel working in manufacturing area.

.

### 3.0 ATTACHMENTS:

3.1 Attachment-I

VOC & LEL monitoring raw data



Issued By QA I.Jagannadham D/T:20/05/23 09:53

# SHILPA PHARMA LIFESCIENCS LIMITED (UNIT

# VOC & LEL MONITORING LOG IN WORK AREA **ANNEXURE-1** Effective date: 13/05/20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Date & Time: 0 3/07/128 07/80 Work Area ID E-Block 54/096/02-002 VOC Meter ID MA 221 - 04 02 48 LEL Meter ID

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	
outside of E-Block	O.PPM	Cleaning of Cleaning of	outlide of E-block	0 %	Cleaning of
			and and	<del>\</del>	
	N <sub>B</sub>				
			*		
		09/07/23			×10)

Sign & Date (monitored by): (123.

Reviewer Comments: During cleaning of Elac-18 NOC and LEL lavels worked

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation		AGM-PD	AGM-QA
Sign &	1 123	123	13/05/23
Date	13/05/23	13/05/23	1136

Issued By QA
I.Jagannadham
D/T:20/05/23 09:53

# SHILPA PHARMA LIFESCIENCS LIMITED (UNI

# | VOC & LEL MONITORING LOG IN WORK AREA | ANNEXURE-1 | Effective date: 1 分のプン | Page 1 of 1 | Work Area ID | と block | Date & Time: 1 つっしょ 4 1 0 9 6 | 02 - 00 2 | LEL Meter ID | M ト 2 2 1 - 04 02 4 8 | MORK AREA | ANNEXURE-1 | Effective date: 1 分のプン | Page 1 of 1 | Page 1 of 1 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 04 02 4 8 | M ト 2 2 1 - 0

Location for monitoring of VOC	VOC Result	Remarks		Location for monitoring of LEL	LEL Result	Remarks
Repacking area washing Room	O PPM	Cleaning of Elvar-04		cooping poor	0 1/.	Cleaning of Elvir-oy
1				1		
150				My.		
,				-		
			A			
			10.00			
			To the second			
		1507/23				KC107125

Sign & Date (monitored by):

Reviewer Comments:

Dury Claiming of Elastoy, voc and LEL level verylud

Reviewer Sign & Date:

Prepared By
Reviewed By
Approved by

Name
Mr. Awnesh Kumar Goswami
Designation
Dy. Manager-PD
AGM-PD
AGM-QA

Sign &
Date

Prepared By
Reviewed By
Approved by

Mr. N. Saravanan

AGM-PD
AGM-QA

15/10/12

Issued By QA I.Jagannadham D/T:24/07/23 14:11

# SHILPA PHARMA LIFESCIENCS LIMITED (UNI 1-2) VOC & LEL MONITORING LOG IN WORK AREA **ANNEXURE-1** Effective date: 13/05/20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Work Area ID Date & Time: 24/07/23, 14/25 Ao-Block Coystallizer Area VOC Meter ID 541096102-002 LEL Meter ID MA221-040248

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks
In between AD/RE-16 & AD/RE-13	oppm	Britch	In proces cured blu AdRE-16& AdRE-1	9 0%	During process act
In between AppRE-16 & AppRE-17		Batch to Batch cleans	In procey area	17 01	Duing Bot
During centrifugat		Batch	During centalfuget	אים מש	proces de
During centrifuge Botch to Botch clean	rg oppro	British to Both	Botch to Batch Cleaning	0-/-	Owing B
_	J 8: 1	0		<b>J</b>	U
		NA			
					1
					(N)

Sign & Date (monitored by):

24/03/23 H. farm

Reviewer Comments:

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign & Date	13/05/23	13/05/23	13105/23

Issued By QA I.Jagannadham D/T:24/07/23 14:11

# SHILPA PHARMA LIFESCIENCS LIMITED (UNI 1-2) VOC & LEL MONITORING LOG IN WORK AREA **ANNEXURE-1** Effective date: 1805/20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Date & Time: 24 07 23, 14/45 Work Area ID AD-Block outside a rea VOC Meter ID 541096102-002 LEL Meter ID MA221-040248

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks
Mear AbolsT-11, AdlET	02 1 ppm	Duling mis	Near A0 59-11, A0	ET-02-0-1	During n Solution p
Hear Ap/57-11, Ap/ET-	02 Oppm		Mean AD ST-11, AD ET	02 04	Idle conditions the
A0/37-12, A0/5T-14A	oppm	Dusing Mis		01	During mis
A0/37-12 A0/57-14A	oppm	adle condition	A0/5T-12, A0/5T-144	0-1	Idle cordy
ADIST-19 AGED	oppm	Duing water		0.1.	During wat
A0/3T-19 Avea	oppm	During Idle	AdST-19 Area	04	Duing Idle
K		a.			
		A			
		NA			
					TO SUITO

Sign & Date (monitored by):

**Reviewer Comments:** 

Reviewer Sign & Date:

M. Laun mostro

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign &	13/05/23	103	M3105/23
Date	13/05/22	13/05/23	10/3/05/

Issued By QA siddharam.T D/T: 19/07/23 11:55

# SHILPA PHARMA LIFESCIENCS LIMITED (UNI -2)

THE LOSS OF THE STATE OF THE ST

### VOC & LEL MONITORING LOG IN WORK AREA

**ANNEXURE-1** 

Protocol No.: PC/PD/VOC&LEL/WA/001/23

Effective date: 1705/20

Page 1 of 1

Work Area ID Ao Intermediate Area (AOA)

Date & Time: 22/07/13 & 13/00

VOC Meter ID 541096102-002

LEL Meter ID MA221-040248

VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks
oppm	Batch	A0   PNF-06	07.	Batch
oppm		ADIPHE-DG	04.	Batch to Bat
1.0ppm	Duing	Equipment wash	618	During
0 ppm	Idle		04-	Idle
1.0 ppm	During NHz	A0/RE -18	o y.	During HHB
o.66w	Idle with	A0   RE-18	0.1.	Idle with
mggo	During	A0   RE - 20	04.	During
o ppm	During	A0   RE-20	0-1-	Butch to Bate
oppm	Duing process	AO ANFD-03	07.	Duing process
0 ppm	During GtoB	APLANED-03	01.	Duing Batch
o ppm	Duing HMA	A0/RE-19	D·/·	Duing HMA addition
11 (10 300	Duing Batch	A0/RE-19	01	Duing Batch to Batch
	obbus obbus obbus obbus obbus obbus obbus obbus obbus	Oppm Batch  Oppm Clearning  Oppm Clearning  Oppm Idle  I oppm During NH3  Popm Adle with  Oppm During  Oppm D	OPPM Uprocessing Appropriate Walk OPPM Uprocessing Appropriate Walk OPPM Clearning Equipment walk OPPM Clearning Equipment walk OPPM Idle Equipment walk Area  1.0 PPM During NHB Appropriate OPPM Idle with Appropriate OPPM Idle with Appropriate OPPM Idle with Appropriate OPPM Idle with Appropriate OPPM During OtoB Appropriate OPPM OPPM OPPM OPPM OPPM OPPM OPPM OPPM	OPPM Uprocessing Holper-D6 0%  Oppm Charming Cha

Sign & Date (monitored by):

M. Paum M. Paum

Reviewer Comments:

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign & Date	13/05/23	13/05/23	13/05/23

Issued By QA siddharam.T D/T: 19/07/23 11:55

# 

F.F3 1. "3:

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks
A0/RE-24	لسططه	Batch	AolRE-24	01.	Batch
A0   RE-24	o bb w	Batch to Belle cleaning	AOIRE-24	04.	Bodeh to Bo
A0 ST-64	obbw	Batch	A015T-64	04:	Batch (
A0/57-64	obbau	7d le	A0 (5T-64	07	Adle
A0/ST-66	oppm	Batch transferm	A0   ST-66	04	Batch transfer
A 157-66	o ppm	Batch Idle	A0/5T-66	04	Edle
*					
			NA		
					10

Sign & Date (monitored by):

Reviewer Comments:

1. Bamostos

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
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Issued By QA siddharam.T D/T: 28/07/23 16:36

# SHILPA PHARMA LIFESCIENCS LIMITED (UNIT-2) VOC & LEL MONITORING LOG IN WORK AREA ANNEXURE-1 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Effective date: 1 2/03/20 Page 1 of 1 Work Area ID VOC Meter ID 541096102 - 002 LEL Meter ID MA221-040248

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks	
At theyency thit	Oppm	At batch running time	At Grougeney Exit	0.0%	At batch	m
At Emergency Guit (Module-1)	oppm	At batch surring time	At Entrance ones	0.0%	At batch xuming t	·w
At Entry Atrodules	) Opem	At batch oursing the	At Entrance area (Module 2)	0.01	At batch sunning t	
At Ad cooling towe	Oppm	At batch summing him	At cooling tower	0.0%	At batch of	run
			-			
		n/				
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		100				شند
					210	3/1

Sign & Date (monitored by):

W/08/23

Reviewer Comments:

Reviewer Sign & Date:

7. Rame 201/23

Prepared By	Reviewed By	Approved by
Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Dy. Manager-PD	AGM-PD	AGM-QA
13/05/23	12/05/23	1,3105/23
	Mr. Awnesh Kumar Goswami	Mr. Awnesh Kumar Goswami Mr. Govindappa Galagali Dy. Manager-PD AGM-PD

Issued By QA I.Jagannadham D/T:20/05/23 14:07

# SHILPA PHARMA LIFESCIENCS LIMITED (UNIT

### **VOC & LEL MONITORING LOG IN WORK AREA ANNEXURE-1** Effective date: 1 2/05/20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Date & Time: Work Area ID H 541096102-002 VOC Meter ID MA221 - 040248 LEL Meter ID

Location for monitoring of VOC	VOC Result	Remarks		Location for monitoring of LEL	LEL Result	Remarks
Sc अवराज्य माहि-०३	1 ppm	EPAS charing		ss reactor thre-og	٥٦,	Elet washing
HIMLTOF-06	o ppm	collection		HMLTCF-06	04	collection
centrifuge 4/cf-06	1 ppm	wet may		Centrifuge HICF-06 13707123	0-11	unloading
Drying HIVTD-01	1. PPM	1000ding		Drying Hluto-01	04,	wetmoterion loading
Drying HIVTD-01	0 %	dry material unboading		Drying HIVID-01	0~%	dry nating
exactly area	1. PPM	Chippina		Scoop #150-99	O'/,	afterchains
1	Υ'				(A)	
						)
			100			
				WA		
						C 16107/29

Sign & Date (monitored by):

Reviewer Comments: Setside Jacob Zequipments HIRE-03
Reviewer Sign & Date: / HIMLTCF-06, HICF-06, HIVTD-01 VOC

LIEL Verified

16/03/23 roside

7 equipments HIRE-03

Reviewer Sign & Date: / HIMLTCF-06, HICF-06, HIVTD-01 VOC

15 (7)07/23

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign & Date	13/05/23	13/05/23	1305/23

Issued By QA I.Jagannadham D/T:13/07/23 15:30

17/07/23

# SHILPA PHARMA LIFESCIENCS LIMITED (UNIT-

### 

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks
AMIRE-02 (EnterAna)	OPPM	After	AMIRE-02 (torterand)		After with flushing me
AMIRE-OU Into Ano)	1-oppm	After flushing	AMIREOU Interpase	0-1.	with mest
AMIRE-OG (Enter Ama)	- 1	Afterflush	Arraes)	010	After flugh
Am IPNF-01 Enbrana	oppm	open dition	AMIPNE-OI EnterAnce	) 01.	Aster from conc
AMI SE-01 (Interasey)	o · PPM	open condi-	AM ISF OI CONTEXADO	04.	open cond on
AMIREOU (Fith Am)	opim	Afte & flugh	AMIRE-OU Enter	0-1-	A EXECTED LIPE
Am ICF-06 Enter Amed	o ppm	open condi	Am ICF-06 (Enter	0_1	openionalin
AMIVTO-03 Inter	oppm	open condi-	AMIUTO-03 (Inter Anea)	01	o pon condi
(					
			NU		
		l			609

Sign & Date (monitored by):

( ) 17 1

17/07/23

**Reviewer Comments:** 

Reviewer Sign & Date:

NRJ 17107/23

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign &	2012	W 1 2	13/05/23
Date	13/05/23	13/05/23	12/000

Issued By QA I.Jagannadham

# SHILPA PHARMA LIFESCIENCS LIMITED (UNIT

# D/T:13/07/23 15:30 **VOC & LEL MONITORING LOG IN WORK AREA ANNEXURE-1** Effective date: 1805/20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Am- Wock (Intermediate Ana Boy 1) Date & Time: 17/07/23/16/00 Work Area ID VOC Meter ID 541096102-002 LEL Meter ID MA221 -040248

Location for monitoring of VOC	VOC Result		Location for monitoring of LEL	LEL Result	Remarks
Aned	o pem	Actor	Am-Block owsite	0-1-	Atto
					¥
			NUT		
					9
					19171

Sign & Date (monitored by):

**Reviewer Comments:** 

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign & Date	13/05/23	13/05/28	13105/23

Issued By QA I.Jagannadham D/T:20/05/23 16:52

# SHILPA PHARMA LIFESCIENCS LIMITED (UNIT VOC & LEL MONITORING LOG IN WORK AREA **ANNEXURE-1** Effective date: 1 205 20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1

Date & Time: 18/07/28 05/10 Work Area ID AJ-Block (ont-side Area) **VOC Meter ID** 541096102 -002 LEL Meter ID MA221-040248

Location for monitoring of VOC	VOC Result	Remarks		Location for monitoring of LEL	LEL Result	Remarks
ontside Area	oppm	of method		ASIMUTUPOI	07,	of my hero)
ontion aver ATI USON	oppm	of me thing	,	asimitation 1 outside Are Dupapol	٥٠/,	of methers?
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			AL PARTY OF THE PA			
	8		U	9		
			100			
			N. C.			AR
						1867/03

Sign & Date (monitored by):

**Reviewer Comments:** 

1. As block outside areavach LEL result Verified on 18/07/23

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign &	) h 107	Mes a s	M3105/23
Date	13/05/23	13/05/23	10,31051

Issued By QA 1.Jagannadham D/T:21/07/23 14:18

# SHILPA PHARMA LIFESCIENCS LIMITED (UNI

### VOC & LEL MONITORING LOG IN WORK AREA **ANNEXURE-1** Effective date: 1705/20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Date & Time: 31(07(23) 0 9130 Work Area ID Ď VOC Meter ID 541096102-002 LEL Meter ID MA221-040248

Location for monitoring of VOC	VOC Result	Remarks		Location for monitoring of LEL	LEL Result	Remarks
DIEFMLT-01	oppm	ML's collection		DICEMETO	σ <sub>7</sub> ,	Me's collection
olcfroig D14B-01	o ppm	wateral material	100	DICF-01 & DIGB-01	ση,	weteral meterial ombuling
washing area	1 ppm	while seemoning		DICFOLK DIGB-OL warning area Accessoring	01	while to
~		7	記書			1
			1	not		
			Same.			
			A P			3110712

Sign & Date (monitored by):

**Reviewer Comments:** 

DICFRIFOLS DICF-OT & DIESEO and Accersories one of vocs 164 verities.

Reviewer Sign & Date: 182 31107/23

	Prepared By	Reviewed By	Approved by	
Name Mr. Awnesh Kumar Goswami		Mr. Govindappa Galagali	Mr. N. Saravanan	
Designation	Dy. Manager-PD	AGM-PD	AGM-QA	
Sign & Date	13/05/23	13/05/23	13105/23	

Issued By QA I.Jagannadham D/T:03/06/23 10:32

### SHILPA PHARMA LIFESCIENCS LIMITED (UNIT VOC & LEL MONITORING LOG IN WORK AREA **ANNEXURE-1** Effective date: 1分のメン Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Date & Time: 16/06/23 209/15 AI Block pharma Area Work Area ID 541096/02 002 **VOC Meter ID** LEL Meter ID MA 221 - 040248

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks
ATIGAT-10	o ppm	while sucking methanol in Azigat-10	AT GAT-10	O	methanol in AIGAT-10
AILMF-04	o ppm	while opening AI MF-04	AIL MF-04	O	while opening AI/MF.04
AIMF-04	0 PPM	while After cleaning on	ATIME-04	O	while Abter Cleaning ATIMF-04
			U.		
	15				
		N/A			
150					
					16/06/20

Sign & Date (monitored by): 6/06/23

DEL + VOC checkled during AxiKnib batchero. ATISY 230003 Cor 16/06/23

**Reviewer Comments:** 

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign &	7012	108	13105/23
Date	13/05/23	13/05/23	1,3031

Issued By QA I.Jagannadham D/T:05/08/23 16:05

# SHILPA PHARMA LIFESCIENCS LIMITED (UNI

### VOC & LEL MONITORING LOG IN WORK AREA **ANNEXURE-1** Effective date: しろっぱつ Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Date & Time: 17/08/23 817/50 Work Area ID 1 - Block Phorma coca VOC Meter ID 541096102-002 LEL Meter ID MA 221-040248

Location for monitoring of VOC	VOC Result	Remarks	Marie	Location for monitoring of LEL	LEL Result	Remarks
browno area	1880	Exusting without		Phosmarca Reactor 2/ PE-12	٥ ٪	cushing with method
Phorma area Acconomischering	1 Bru	plushing withmething		Pharma Avea Acremon a cleen:	07.	Physical with methors
				3		
					*	
			1			
				NA		
			13			
						120
						20/00/

Sign & Date (monitored by): Pt 20/01/23

Reviewer Comments: 1-81 oue Phorma org Bendamushine they voe and like Reviewer Sign & Date: Perult found are

1 - 20/00/10						
	Prepared By	Reviewed By	Approved by			
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan			
Designation	Dy. Manager-PD	AGM-PD	AGM-QA			
Sign & Date	13/05/23	13/05/23	13105/23			

Issued By QA I.Jagannadham D/T:05/08/23 16:05

# SHILPA PHARMA LIFESCIENCS LIMITED (UNI

## **VOC & LEL MONITORING LOG IN WORK AREA ANNEXURE-1** Effective date: 1805/20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 Date & Time: 17/08/23 & 14/55 Work Area ID 2-Block outsite area VOC Meter ID 541096102-002 LEL Meter ID MA221-040248

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks
outside area 21 muturol	O ppm	Drying with Witnegen	outside area ilmined	6 Y.	Drying with
			un		
					Spores!

Sign & Date (monitored by):

Reviewer Comments: 1-181esse und side oneg Rendamustine Help voc end LER Reviewer Sign & Date: 2018/11/08/23

	Prepared By	d By Reviewed By		
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan	
Designation	Dy. Manager-PD	AGM-PD	AGM-QA	
Sign & Date	13/05/23	13/05/23	13105/23	

Issued By QA I.Jagannadham D/T:23/05/23 12:35

### SHILPA PHARMA LIFESCIENCS LIMITED (UNIT VOC & LEL MONITORING LOG IN WORK AREA **ANNEXURE-1** Effective date: 19/05/20 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Page 1 of 1 18/02/23 \$11/00 Date & Time: G-Block (outside Area) Work Area ID **VOC Meter ID** 541096102-002

MA221-040248

Location for monitoring of VOC	VOC Result	Remarks	Location for monitoring of LEL	LEL Result	Remarks
outstde area	o pim	collection of Acetur mile	GIMLTCF-01	0.1,	During of collection MUS
outsiderea GIMLTCT-02	0 ppm	of BIA mix	outside asea	0./.	During collection
outside area	0 ppm	During solvent	GIHMC-01	0./.	collection
outstde area	0 ppm	collection	GIFST - DI	o ./,	collection
GLEST-01	o ppr	During solvent	GIRST - 01	0./.	collection
	*				
		4	20		
					0
					18/02/23

Sign & Date (monitored by):

Reviewer Comments:

LEL Meter ID

Siblack out side area VOL & LEL Verified ar 18/07/23

	Prepared By	Reviewed By	Approved by Mr. N. Saravanan	
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali		
Designation	Dy. Manager-PD	AGM-PD	AGM-QA	
Sign &	1 4	108	13/05/23	
Date	13/05/23	13/05/23	13,1031	

Issued By QA
I.Jagannadham
D/T:18/06/23 09:36

# SHILPA PHARMA LIFESCIENCS LIMITED (UNIT

# VOC & LEL MONITORING LOG IN WORK AREA ANNEXURE-1 Protocol No.: PC/PD/VOC&LEL/WA/001/23 Effective date: 1 1/05/20 Page 1 of 1 Work Area ID Outline Coultry Date & Time: 1 \$106/23 VOC Meter ID 5 41096102-002 LEL Meter ID M & 221'-040248.

Location for monitoring of VOC	VOC Result	Remarks		Location for monitoring of LEL	LEL Result	Remarks
Weighing Balance Sphilace school Comaterial weigh	oppm	puning		Heighing galance SPLICH SB1001 Cupulashe Weigh	oppn	During
Mobile preparation	1887	mobile punctiful		Mobile prepulmi Capellabin	OPPN	puring weighing
SPLIANUS BOLONE	oppn	puring Neigny		Weighing Balone Sply 1 and w3 100	oppn	During
weighing Balone, SPH arlung 100 JANES AVEN AVEN AVEN TENTUSE, N'Opet	term	Area		Washing Asen Accessioners Teg-Tube, pipet.	ofpn	clearing
						W. 1
		9				
			1			
					20	18/06/2

Sign & Date (monitored by):

18/06/23

**Reviewer Comments:** 

Reviewer Sign & Date:

18106128

	Prepared By	Reviewed By	Approved by
Name	Mr. Awnesh Kumar Goswami	Mr. Govindappa Galagali	Mr. N. Saravanan
Designation	Dy. Manager-PD	AGM-PD	AGM-QA
Sign & Date	13/05/23	13/05/23	13105/23