	TH AND HUMAN SERVICES GADMINISTRATION	
DISTRICT ADDRESS AND PHONE NUMBER	DATE(S) OF INSPECTION	
12420 Parklawn Drive, Room 2032	9/16/2019-9/27/2019*	
Rockville, MD 20857	FEI NUMBER 3004081307	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	*	
Mr. Ashwin Upasane, Site Head		
FIRM NAME	STREET ADDRESS	
Cipla Limited L129 - 146 S - 103 - 105 S - 107 - 1 L147 - L147 1		
CITY, STATE, ZIP CODE, COUNTRY	TYPE ESTABLISHMENT INSPECTED	
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer	

This document lists observations made by the FDA representative(s) during the inspection of your facility. They are inspectional observations, and do not represent a final Agency determination regarding your compliance. If you have an objection regarding an observation, or have implemented, or plan to implement, corrective action in response to an observation, you may discuss the objection or action with the FDA representative(s) during the inspection or submit this information to FDA at the address above. If you have any questions, please contact FDA at the phone number and address above.

#### DURING AN INSPECTION OF YOUR FIRM WE OBSERVED:

## **OBSERVATION 1**

Equipment and utensils are not cleaned, maintained and sanitized at appropriate intervals to prevent contamination that would alter the safety, identity, strength, quality or purity of the drug product.

# Specifically,

- 1. Cleaning procedures do not include provisions for routine cleaning or inspection of the air inlet/outlet duct areas. During a facility walkthrough, layers of colored drug products residue were observed on the inside surfaces of air outlet ducts of multiple non-dedicated outlets were directly connected to the colored to the colored
  - a. On September 16, 2019, a layer of (b) (4) olored (D) (4) material was seen near the HEPA filter, directly next to the inlet duct of (ID # T-006 Unit (b) (4)). Subsequently, on September 17, 2019, a layer of (c) (a) colored (b) (4) drug product residue was seen on the inside surface of air exhaust duct of (ID # T-006 Unit (b) (4)). These inlet and exhaust air ducts are the integral part of the drug manufacturing system that are directly connected to (ID # T-006 Unit (b) (4)).

Your cleaning procedure, SOP No. OI-27, Cleaning, Line Clearance and Operation of

/ Processor (Version 17.0, Effective date 3/29/2019) and

# SEE REVERSE OF THIS PAGE

EMPLOYEE(S)SIGNATURE

June P Page, Investigator

Thomas J Arista, National Expert

Rajiv R Srivastava, Investigator



DATE ISSUED 9/27/2019

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INSPECTIONAL OBSERVATIONS

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DEPA	ARTMENT OF HEALTH AND HUI FOOD AND DRUG ADMINISTRA	
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 20	132	DATE(S) OF INSPECTION 9/16/2019-9/27/2019*
Rockville, MD 20857	332	FEINUMBER 3004081307
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	aj	-
Mr. Ashwin Upasane, Site Head	d street addres	
Cipla Limited	L129 - L147 -	146 S - 103 - 105 S - 107 - 112 L147 1
Vasco Da Gama, Goa, 403722 In		SHMENTINSPECTED Ceutical Manufacturer
the air ducts that are con Additionally, your firm not cleaned as part of the Your (ID # T-manufacture and ship a manufactured and shipp limited to: (b)(4) mg tablets USP (b)(4) mg tablets USP (b)(4) was seen on the inside sexhaust duct is an integration (ID # T-382)  Your cleaning procedure (Version 6.0, Effective contaminated and are in firm's Director of Technequipment cleaning.  You (b)(4) (ID # T-manufacture and ship a	nt 6.0, Effective date 11/2 ntaminated and are integral and are integral as Director of Technical Size equipment cleaning.  1006 Unit (b) (4) is a non-ded number of drug products and the U.S. Market during the date to the U.S. Market during the date of t	d drug product residue
	vestigator , National Expert ava, Investigator	June P Page 9/27/2019  June P Page 9/27/2019  Ame Signed 09-27-2019 13 10 47

	ILTH AND HUMAN SERVICES UG ADMINISTRATION	
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032	DATE(S) OF INSPECTION 9/16/2019-9/27/2019*	
Rockville, MD 20857	FEI NUMBER	
	3004081307	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED		
Mr. Ashwin Upasane, Site Head	L ATTER LANGES	
Cipla Limited	STREET ADDRESS L129 - 146 S - 103 - 105 S - 107 - 112	
orpia nimitoa	L147 - L147 1	
Vasco Da Gama, Goa, 403722 India	TYPE ESTABLISHMENT INSPECTED Pharmaceutical Manufacturer	
to: (b) (4) tablet (b) (4) mg (b) (4)	tablets), (b) (4) tablet (4) mg	
to: $^{(b)}$ (4) tablet $^{(b)}$ mg tablet USP $^{(b)}$ (4) tablet $^{(b)}$ mg	ag (b) (4) tablets).	
	1775	
c. On September 20, 2019, a thick layer of	of colored drug	
product residue was seen on the inside	surface of air exhaust duct of (ID # TL-001	
Unit The exhaust duct is an integra	al part of the drug manufacturing system that are	
directly connected to (ID # TI	L-001 Unit (b) (4)	
Vous alconing procedure COD No. OI	27 Cleaning Line Clearance and Operation of (b) (4)	
(b) (4) Processor (Version 12)	-27, Cleaning, Line Clearance and Operation of (b) (4) 7.0, Effective date 3/29/2019) and preventive	
maintenance procedure, SOP No. EM-	029 Preventive Maintenance of (b) (4)	
(Version 6.0, Effective date 11/20/2018) do not have provision to clean contaminated and are integral part of (ID # TL-001 Unit (D) (4). Additionally, your		
firm's Director of Technical Services confirmed that these ducts are not cleaned as part of the		
equipment cleaning.	r	
(b) (d)		
Your (ID # TL-001 Unit is a non-dedicated equipment and has been used to		
manufacture and ship a number of drug products to the U.S. Market. A list of products		
manufactured and shipped to the U.S. Market in during 2017-2019 include but are not limited to:  to:  tablet USP mg tablets), (b) (4) tablet USP mg		
manufactured and shipped to the U.S. Market in during 2017-2019 include but are not limit to:  to:  (b) (4) tablet USP mg  tablets), and (b) (4) mg  tablet USP mg  tablet USP mg  tablets).		
tablets), and (b) (4)	tablet USP mg tablets).	
d. On September 20, 2019 a layer of (b) (4)	colored (b) (4) drug product residue	
was seen on the inside surface of air ex		
	rug manufacturing system that are directly connected to	
(ID # TL-232 Unit (b) (4) (ID # TL-232 Unit		
`		
Your cleaning procedure, SOP No. OI-	-366, Cleaning, Line Clearance and Operation of	
EMPLOYEE(S) SIGNATURE	DATE ISSUED	
SEE REVERSE June P Page, Investigator 9/27		
OF THIS PAGE Thomas J Arista, National E Rajiv R Srivastava, Investi	- Investgator	
rajiv k Siivastava, investi	X registration reservents to 1044	

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	ALTH AND HUMAN SERVICES UG ADMINISTRATION	
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032	DATE(S) OF INSPECTION 9/16/2019-9/27/2019*	
Rockville, MD 20857	FEI NUMBER 3004081307	
	3004001307	
Mr. Ashwin Upasane, Site Head		
FIRM NAME	STREET ADDRESS	
Cipla Limited  City, STATE, ZIP CODE, COUNTRY	L129 - 146 S - 103 - 105 S - 107 - 112 L147 - L147 1	
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer	
(b) (4) (Vorsion 6)	0, Effective date 6/21/2019) and preventive	
maintenance procedure, SOP No. EM-	0.29 Preventive Maintenance of (b) (4)	
(Version 6.0, Effective date 11/20/2018	8) do not have provision to clean the air ducts that are	
contaminated and are integral part of (b)	(ID # TL-232 Unit (4) . Additionally, your	
	confirmed that these ducts are not cleaned as part of the	
equipment cleaning.		
Your (ID # TL-232 Uni (b) (4)	is a non-dedicated equipment and has been used to	
manufacture and ship a number of drug	g products. You have used this equipment to	
manufacture registration batches of (b) (4)	tablet mg (b) (4)	
tablets) for US.	-1	
e. On September 20, 2019, a layer of colored drug product residue		
was seen on the inside surface of air ex	chaust duct of $^{(b)}$ (ID # CL-131 Unit $^{(b)}$ . The	
	rug manufacturing system that are directly connected to	
(ID # CL-131 Unit (b) (4).		
Your cleaning procedure, SOP No. OI-	-366. Cleaning, Line Clearance and Operation of	
Your cleaning procedure, SOP No. OI-366, Cleaning, Line Clearance and Operation of (Version 6.0, Effective date 6/21/2019) and preventive		
maintenance procedure SOP No. FM-029. Preventive Maintenance of (b) (4)		
(Version 6.0, Effective date 11/20/2018	8) do not have provision to clean the air ducts that are (ID # CL-131 Unit (b) (4)). Additionally, your	
firm's Director of Technical Services of	confirmed that these ducts are not cleaned as part of the	
equipment cleaning.		
(b) (4) (b) (A)	Tax to court on the say on around not reserve	
	is a non-dedicated equipment and has been used to	
	g products to the U.S. Market. A list of products	
manufactured and shipped to the U.S. Market in between 2017-2019 include but are not		
EMPLOYEE(S) SIGNATURE	DATE ISSUED	
SEE REVERSE June P Page, Investigator OF THIS PAGE Thomas J Arista, National B	9/27/2019 Expert June PPage	
Rajiv R Srivastava, Investi	- Investgator	

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		TH AND HUMAN SERVICE G ADMINISTRATION	ES	
12/120 Parklas	wn Drive, Room 2032	DATE(S) OF INS	PECTION 019-9/27/2019*	
Rockville, M		FEI NUMBER	WORKS AND	
		3004083	1307	
12				
Mr Ashuin Ur	pasane, Site Head			
FIRM NAME	pasane, sice nead	STREET ADDRESS		
Cipla Limited	d	L129 - 146 S - 1 L147 - L147 1	103 - 105 S - 1	.07 - 112
Vasco Da Gama	тку a, Goa, 403722 India	TYPE ESTABLISHMENT INSPECTED  Pharmaceutical 1	Manufacturer	
limit	ted to: (b) (4) cap	osules USP (b) (4) mg (b)	)(4) table:	ts), <sup>(b) (4)</sup>
(b) (4)	capsules USP $^{(b)}_{(4)}$ mg $^{(b)}_{(4)}$	tablets).	table	15),
resid Unit mate surfa integ	September 20, 2019, a deposition of lue was seen on the inside surface o (b) (4). Upon rubbing the inside of the rial was seen on the portion of the l	f a aust <sup>(())(4)</sup> e plenum area with a int free cloth that was as kept in "clean stat	area of () () () lint free cloth, a (b) s rubbed against thus". The exhaust (b)	ne inside is an
Effe cont firm	Version 9.0, Effective No. EM-029, Preventive date 11/20/2018) do not have aminated and are integral part of 's Director of Technical Services compment cleaning.	date 6/8/2017) and provisions to clean the distribution of (ID # PD-2 U	reventive mainten ne exhaust air duct nit (b) (4). Addition	(Version 6.0, that are ally, your
prod limit	r (ID # PD-2 Unit is a pment to manufacture and ship a nu lucts manufactured and shipped to the ted to: capsule ule (b) (4) mg (b) (4) capsule), capsule).	mber of drug product ne U.S. Market during mg	ts to the U.S. Mark 2 2017-2019 included capsule). (b) (4)	cet. A list of
g. On September 21, 2019, a layer of a colored drug product residue was seen on the inside surface of air exhaust duct o 139 Unit			roduct residue it <sup>(b) (4)</sup> . The	
SEE REVERSE OF THIS PAGE	EMPLOYEE(S)SIGNATURE June P Page, Investigator Thomas J Arista, National E: Rajiv R Srivastava, Investi		June P Page Investigate Signed By 2000405709 Date Signed 09-27-2019 13 10 47	DATE ISSUED 9/27/2019
FORM FDA 483 (09/08)	PREVIOUS EDITION OBSOLETE INS	SPECTIONAL OBSERVATION	ONS	PAGE 5 of 38 PAGES

	FOOD AND DRUG			LS	
DISTRICT ADDRESS AND PHON	we number wn Drive, Room 2032		9/16/2	019-9/27/2019*	
Rockville, MI			FEI NUMBER 300408	etine tractine is	
				<del>-</del> 7 7 .	
NAME AND TITLE OF INDIVIDUA	AL TO WHOM PEPOPT ISSUED		0		
	pasane, Site Head				
FIRM NAME	v.	STREET ADDRESS	46.0	102 105 0 1	07 110
Cipla Limited	1	L129 - 1 L147 - L		103 - 105 S - 1	07 - 112
Vasco Da Gama	a, Goa, 403722 India	TYPE ESTABLISHMENT INSPECTED Pharmaceutical Manufacturer			
	1997	Thaimace	ucicai	nandraccurer	
	is an integral part of the	drug manuf	facturing	system that are dir	rectly
com	nected to (ID # HE-139 Unit	( <sup>(b)</sup> ( <sup>4)</sup> ).			
Vou	r cleaning procedure, SOP No. OI-6	9 Cleaning	Tine Cl	earance and Opera	ation of (b) (4)
(b) (4)	(Version 7.0,	Effective d	ate 3/29/2	2019) and preventi	ve
_	ocedure, SOP No. EM-02	29, Preventi	ive Main	tenance of (b) (4)	
(Ver	sion 6.0, Effective date 11/20/2018)	do not hav	e provisi	ons to clean the ex	haust air ducts
that	are contaminated and are integral pa ctor of the Technical Operation state	art of	ID#I	HE-139 Unit	Your firm's
	uated for cleanliness.	ed mai me i	liside of t	ine exhaust was ne	ver opened and
	(b) (d)				
Your (ID # HE-139 Unit is a non-dedicated equipment and has been used in the					
man	ufacture of tablets. A list of drug pro	ducts manu	d to: (b) (4)	and shipped to Re	tablet (b) (4) (b) (4)
(b) (4)	W) during 2017-2019 include but ar tablets), (b) (4) mg	tablet (b) (4) (b)	(1 to. ) (4)	ablets (b) (4) IIIg	tablets), and
(b) (4)	tablets), mg mg mg mg tablet mg mg	tablets (b) (4	1)	tablets).	,,
h. On S	September 23, 2019, a layer of a (b) (4)	colored	(b) (4)	drug	product residue
was	seen on the inside surface of air exh	aust duct of	f <sup>(b) (4)</sup>	(ID # ON-148 U	
exha	oust plenum is an integral part of the	drug manuf	fa	ystem that are dir	ectly
				Director of Enginee	
	equipment was commissioned in 201 Eleanliness.	3 and the ex	xnaust du	ict was never open	ed to evaluate
the c	realimess.				4.774
You	r cleaning procedure, SOP No. OI-2				
	/ Processor (Version 17.	0, Effective	date 3/2	9/2019) and preve	ntive
mair (Ver	maintenance procedure, SOP No. EM-029, Preventive Maintenance of (Version 6.0, Effective date 11/20/2018) do not have provision to clean the air ducts that are			ducts that are	
(VCI	sion o.o, Effective date 11/20/2010)	do not nav	e provisi	on to clean the an	daets that are
					T.015
SEE REVERSE	June P Page, Investigator			ı	9/27/2019
OF THIS PAGE	Thomas J Arista, National Ex			June P Page Investigator Stoned By 2000405709	STANDOTT WITH SHEET SHEET WAS
	Rajiv R Srivastava, Investi	jator		Signed By 2000405709 Date Signed 09-27-2019 13 10 47	
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	DEPARTMENT OF HEAL FOOD AND DRUG		
DISTRICT ADDRESS AND PHON	IE NUMBER		DATE(S) OF INSPECTION
Rockville, MI	vn Drive, Room 2032		9/16/2019-9/27/2019* FEI NUMBER
noonville, in	2000,		3004081307
NAME AND TITLE OF INDIVIDUA	AL TO WHOM REPORT ISSUED		
ler.	pasane, Site Head		
Cipla Limited	1	STREET ADDRESS	s 146 S - 103 - 105 S - 107 - 112
		L147 - L	L147 1
Vasco Da Gama	a, Goa, 403722 India		mentinspected eutical Manufacturer
	-3	and the second s	
cont	aminated and are integral part of	(ID #	# ON-148 Unit(4) . Your firm's Director
of To	echnical Services confirmed that the	se ducts are	re not cleaned as part of the equipment
clear	ning.		
You	(b) (4) (ID # ON 148 Hoit (b) is	a non dodio	icated equipment. You have used this
equi		mber of dru	ug products to Rest of the World (ROW).
1.00	•		W during 2017-2019 include but are not
	red to: (b) (4) mg tablets (	(b) (4)	tablets), (b) (4) mg tablet (b) (4)
(b) (4)	tablets), and (b) (4)	b) (4)	t (b) (4) tablets).
	(b) (4)	(b) (4)	ð
2. Layers o	The second secon	(b) (4)	drug product residues were observed
on the inside surfaces of air outlet ducts of multiple machines. These exhausts ducts were directly connected to the Your cleaning procedures do not include		machines. These exhausts	
		1.00 1.00	
provisio	ns for routine cleaning or inspection	of the air ii	iniet/outlet duct areas.
a. On S	September 17, 2019, layers of (b) (4)	co	colored (b) (4) drug product residues were
seen	on the inside surface of air exhaust	duct of (b) (4)	(ID # T-025 Unit (4) . The
exhaust duct is an integral part of the drug manufacturing system that is directly onnected			
to	(ID # T-025 Unit (b) .		
20			(b)(4)
Y OU: (b) (4)	r SOP No. OI-450 Cleaning, Line C		
mair	tenance procedure SOP No. EM-03		e 6/14/2019) and preventive
Mac	hine and (b)(4)		7.0, Effective date 11/3/2018) do not
have	provisions to clean the air ducts that	at are contai	aminated and are integral part of
(b) (4)			irector of Technical Services confirmed
that	these ducts are not cleaned as part of	f the equipn	ment cleaning.
	EMPLOYEE(S) SIGNATURE		DATE ISSUED
SEE REVERSE	June P Page, Investigator	vnert	9/27/2019
OF THIS PAGE	Thomas J Arista, National Ex Rajiv R Srivastava, Investi		June P Page investigator Signed 59 2000405709 Date Signed 09-27-2019 13 10 47
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FORM FDA 483 (09/08)

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	DEPARTMENT OF HEAL FOOD AND DRUG	TH AND HUMAN SEI GADMINISTRATION	RVICES	
12420 Parklaw	ENUMBER In Drive, Room 2032	20	0 OF INSPECTION 6/2019-9/27/2019*	7
Rockville, MI		FEI NUI	MBER	
		300	4081307	
Mr. Ashwin Up	ntownowreportissued Dasane, Site Head	,		
FIRM NAME		STREET ADDRESS	2000 1 2000 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	status vaetas
Cipla Limited		L129 - 146 S L147 - L147		107 - 112
SALESTY BELLEVILLE OF THE SECOND STREET, AND STREET	a, Goa, 403722 India		al Manufacturer	
b. On S seen exha conn Your (b)(4) to cle Unit clear Your equip of prare notable c. On S seen	pment to manufacture and ship a number oducts manufactured and shipped to tot limited to:  (b) (d) (a) (a) (b) (d) (a) (a) (b) (d) (a) (a) (a) (b) (d) (a) (a) (b) (d) (a) (a) (a) (a) (a) (a) (a) (a) (a) (a	othe U.S. Market colored duct of (b) (4) mg (colored duct of (d) (d) mg manufacturing (d)	during 2017-2019 indicated that these ducts to the U.S. Mark that are direct ducts to the U.S. Mark that during 2017-2019 indicated that these ducts to the U.S. Mark that during 2017-2019 indicated that these ducts to the U.S. Mark that during 2017-2019 indicated that these ducts to the U.S. Mark that during 2017-2019 indicated that these ducts to the U.S. Mark that during 2017-2019 indicated that these ducts to the U.S. Mark that during 2017-2019 indicated that these ducts to the U.S. Mark that during 2017-2019 indicated that these ducts to the U.S. Mark that during 2017-2019 indicated that these ducts to the U.S. Mark that during 2017-2019 indicated that the U.S. Mark that the U.S. that the U.S. that the U.S. Mark that the U.S. that the U.S. that the U.S. that	ket. A list clude but  (4) mg  esidues were  The cly  Operation of once and provision  O#T-180 s are not  used this ket. A list clude but  (b) (d) mg  esidues were  Unit (b) (4).
SEE REVERSE OF THIS PAGE	EMPLOYEE(S) SIGNATURE  June P Page, Investigator  Thomas J Arista, National Ex  Rajiv R Srivastava, Investig		June P Page Investigato Signed by 2000405709 Date Signed 09-27-2019 13 10 47	DATE ISSUED 9/27/2019

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		G ADMINISTRATION	ES
12420 Parklas	wn Drive, Room 2032	9/16/2	019-9/27/2019*
Rockville, M		FEI NUMBER	15 ON
		300408	1307
NAME AND TITLE OF INDIVIDU		I	
lo.	pasane, Site Head		
FIRM NAME Cipla Limite	4	STREET ADDRESS 1.129 - 146 S -	103 - 105 S - 107 - 112
orpra bimico		L147 - L147 1	100 100 5 101 112
CITY, STATE, ZIP CODE, COUN	TRY	TYPE ESTABLISHMENT INSPECTED  Pharmaceutical	Manufacturer
Vasco Da Gallio	a, Goa, 403722 India	Pharmaceutical	Manulacturer
cont	nected to Machine (ID # T-4	192 Unit (b) (4)	
	retice to		
You	r SOP No OI-450 Cleaning, Line C	learance and Operat	ion of (b) (4)
400.8.3.08	(Version 11.0, Eff	ective date 6/14/201	9) and preventive
maii	ntenance procedure SOP No. EM-03	0 Preventive Mainte	enance of (b) (4)
Mac	hine and	(Version 7.0, Effect	tive date 11/3/2018) do not
	provision to clean the air ducts that		
	hine (ID # T-492 Unit (4) . Your fire		
these	e ducts are not cleaned as part of the	equipment cleaning	
You	r (b) (4) (ID # T-492 Lini	t (b) (4) is a non-dedica	ted equipment Vou have
	Your (ID # T-492 Unit is a non-dedicated equipment. You have used this equipment to manufacture and ship a number of drug products to the U.S.		
Mar	ket. A list of products manufactured	and shipped to the	U.S. Market during 2017-2019
Market. A list of products manufactured and shipped to the U.S. Market during 2017-2019 include but are not limited to: tablets mg (b)(4) mg (b)(4) tablets),			
mg tablet USP $^{(b)}$ (4) tablets), and $^{(b)}$ (4) tablet USP $^{(b)}$ mg		and tablet USP(b) mg	
tablets).			
		76\\74	×
d. On S	September 20, 2019, layers of (b) (4)	colored	drug product residues were
seen	on the inside surface of air exhaust	duct of	(ID # TL-098 Unit 4) ). The
d. On September 20, 2019, layers of colored seen on the inside surface of air exhaust duct of (ID # TL-098 Unit (ID # TL		stem that is directly connected to	
	(ID # TL-098 Unit (b) (4)		
Vou	r cleaning procedure SOP No. OI-50	O Clasning Line Cla	parance and Operation of
(b) (4)			
(Version 12.0, Effective date 10/6/2019) and preventive maintenance procedure SOP No. EM-030 Preventive Maintenance of Machine and (b)(4)			
(Version 7.0, Effective date 11/3/2018) do not have provision to clean the air			
			(ID # TL-098 Unit (4) .
You	r firm's Director of Technical Service	ces confirm	s are not cleaned as part
	EMPLOYEE(S) SIGNATURE		DATE ISSUED
SEE REVERSE	June P Page, Investigator		9/27/2019
OF THIS PAGE	Thomas J Arista, National Ex Rajiv R Srivastava, Investic		June P Page Investigator Signed By 2000405709 Daile Signed 09-27-2019 13 10 47
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	TH AND HUMAN SERVICES G ADMINISTRATION	
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032	DATE(S) OF INSPECTION 9/16/2019-9/27/2019*	
Rockville, MD 20857	FEI NUMBER 3004081307	
	3004001307	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED		
Mr. Ashwin Upasane, Site Head		
FIRM NAME	STREET ADDRESS	
Cipla Limited	L129 - 146 S - 103 - 105 S - 107 - 112 L147 - L147 1	
Vasco Da Gama, Goa, 403722 India	TYPE ESTABLISHMENT INSPECTED Pharmaceutical Manufacturer	
of the equipment cleaning.		
A 8	75X	
	nit (4) ) is a non-dedicated equipment. You have used	
this equipment to manufacture and ship	a number of drug products to the U.S. Market. A list	
of products manufactured and shipped t not limited to: (b) (4) tablets (b) (4) 1	o the U.S. Market during 2017-2019 include but are tablets), (b) (4) tablets	
	$\operatorname{mg} \stackrel{(b)(4)}{=} \operatorname{mg} \stackrel{(b)(4)}{=} \operatorname{mg} \stackrel{(b)(4)}{=} \operatorname{tablets}$ .	
	dolets ing ( dolets).	
e. On September 20, 2019, layers of (b) (4)	drug product residues were	
seen on the inside surface of air exhaus		
exhaust duct is an integral part of the dr ID # TL-231 Unit (b) (4)	ug manufacturing system that are directly connected to	
ID# 1L-251 Onit .		
Your cleaning procedure SOP No. OI-50 Cleaning, Line Clearance and Operation of		
(Version 12.0, Effective date 10/6/2019) and preventive maintenance procedure SOP No. EM-030 Preventive Maintenance of and (b) (4)		
SOP No. EM-030 Preventive Maintenance of (b) (4) and (b) (4)		
(Version 7.0, Effective dat	e 11/3/2018) do not have provision	
ducts that are contaminated and are integral part of (ID # TL-231 Unit (D) (4).		
Your firm's Director of Technical Services confirm ucts are not cleaned as part of the equipment cleaning.		
NAME OF THE OWNER OWNER OF THE OWNER OWNE	(b) (A)	
You (ID # TL-231 Unit is a non-dedicated equipment. You have used this		
equipment to manufacture and ship a number of drug products to the U.S. Market. A list of		
limited to: (b) (4) tablets USP (b) (4)	he U.S. Market during 2017-2019 include but are not ablets), tablets USP (b) (4)	
$\operatorname{mg}^{(b)(4)}$ ablets), and $\operatorname{ablets}^{(b)(4)}$	tablets USP (b) (4) ng (b) (4) tablets).	
f. On September 23, 2019, layers of (b) (4)	colored (b) (4) drug product residues	
The second second	¥ 111 111	
SEE REVERSE June P Page, Investigator	DATE ISSUED 9/27/2019	
OF THIS PAGE   Thomas J Arista, National E	xpert June P Page Investigator	
Rajiv R Srivastava, Investi	gator X Date Signed 09-27-2019 13 10 47	

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FORM FDA 483 (09/08)

PREVIOUS EDITION OBSOLETE

	DEPARTMENT OF HEAL' FOOD AND DRUG				
DISTRICT ADDRESS AND PHONE	NUMBER 1 Drive, Room 2032		9/16/2019-	9/27/2019*	
Rockville, MD		:	FEI NUMBER 3004081307	<u> </u>	
			5001001307		
NAME AND TITLE OF INDIVIDUAL	TO WHOM REPORT ISSUED				
Mr. Ashwin Upa	asane, Site Head				
FIRM NAME Cipla Limited		STREET ADDRESS	16 S = 103	- 105 S - 1	07 - 112
110		L147 - L	147 1	105 5 1	07 112
Vasco Da Gama,	Goa, 403722 India	TYPE ESTABLISHME Pharmace	utical Manu	facturer	
exhau (b) (4)	seen on the inside surface of air exist duct is an integral part of the dru (ID # ON-046 Unit (4)).	ig manufact	uring system	that are direct	
	cleaning procedure SOP No. OI-40	(Ve:	rsion 10.0, Et	tective date 3/	(9/2019) and
(0) (4)	ntive maintenance procedure SOP	(V	ersion 7.0, Ef	fective date 1	1/3/2018) do
(D) (4)	(ID # ON-046 Unit (4) . Your ducts are not cleaned as part of the	firm's Dire	ector of Techr	d are integral inical Services	part of confirmed that
Your you ha tablets	(ID # ON-046 Unit (b) ave used this equipment to manufacts) to the U.S. Market.	is a non-de cture and sh	dicated equip	ment. During 2 ablets (4) m	2017-2019 ng
3. The stopper used in Unit Fill Line (b) (4) during the aseptic filling process appears to have some form of visible scoring on the surface with rough and uneven edges, and they are not smooth cleanable surfaces.					
4. (b) (4) are used in the Grade A (ISO 5) areas e.g., aseptic filling zones, stations and in the stations and in the hard the are not cleaned and sanitized on a periodic base. Rather, the cleaned at the same time as the hard th					
5. The (b) (4)	are not cleaned a remained covered during t		17 177	ic base. The did they are not	cleaned
SEE REVERSE OF THIS PAGE	employee(s)signature June P Page, Investigator Thomas J Arista, National Ex Rajiv R Srivastava, Investig		x	June P Page Investigato 2000405709 Date Signed 09-27-2019 13 10 47	DATE ISSUED 9/27/2019
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FORM FDA 483 (09/08)

PREVIOUS EDITION OBSOLETE

	LTH AND HUMAN SERVICES JG ADMINISTRATION	
DISTRICT ADDRESS AND PHONE NUMBER	DATE(S) OF INSPECTION	
12420 Parklawn Drive, Room 2032	9/16/2019-9/27/2019*	
Rockville, MD 20857	FEI NUMBER 3004081307	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	,	
Mr. Ashwin Upasane, Site Head		
FIRM NAME	STREET ADDRESS	
Cipla Limited	L129 - 146 S - 103 - 105 S - 107 - 112 L147 - L147 1	
CITY, STATE, ZIP CODE, COUNTRY	TYPE ESTABLISHMENT INSPECTED	
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer	

prior or post the aseptic filling operations.

## **OBSERVATION 2**

Equipment for adequate control over air pressure, micro-organisms and dust is not provided when appropriate for the manufacture, processing, packing or holding of a drug product.

Specifically,

1. Unit section 3.2.P.3.3 Description of Manufacturing Process and Process Controls, "...filling is done under laminar air flow (class 1000 is surrounded by area which is class 100 at rest and class 1,000 at dynamic, in-process checks of filled vials and then sealing area which is classified as class 1,000 at dynamic." The lists the following room classifications i.e., Class 100 [Grade A area] [ISO 4.8], Class 1000 [Grade B Area] [ISO 5], Class 10,000 [Grade C Area] [ISO 7] and Class 100.000 [Grade D Area] [ISO 8]. However, the surround area of the Grade A (ISO 5) aseptic filling performed in the open Restricted Access Barrier (RABs) is not Class 1,000. Rather, the current classification is Grade C (ISO 7) during dynamic and routine aseptic filling operations. There is no non-viable particle (NVP) data to support the Class 1,000 area classification submitted in the

There is the same concern regarding the classification for the surrounding area around the Grade A (ISO 5) aseptic filling areas for the following manufactured in Unit i.e.,

a. Injectable Suspension, USP (b) (4) mg/ml (b) (4) #(b) (4) establishes in section 3.2.P.3.3 Description of Manufacturing Process and Process Controls, the "Vial filling, stoppering and (b) (4) s carried out in laminar air flow, surrounded by Grade B environment." The area surrounding the Grade A (ISO 5) aseptic filling performed in the open Restricted Access Barrier (RABs) is not Class 1,000. Rather, the current classification is Grade C (ISO 7) during dynamic and routine aseptic filling operations.

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Thomas J Arista, National Expert
Rajiv R Srivastava, Investigator

Thomas J Arista, National Expert
Rajiv R Srivastava, Investigator

FORM FDA 483 (09/08) PREVIOUS EDITION OBSOLETE INSPECTIONAL OBSERVATIONS PAGE 12 of 38 PAGES

	LTH AND HUMAN SERVICES IG ADMINISTRATION
DISTRICT ADDRESS AND PHONE NUMBER	DATE(S) OF INSPECTION
12420 Parklawn Drive, Room 2032	9/16/2019-9/27/2019*
Rockville, MD 20857	FEI NUMBER 3004081307
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	· ·
Mr. Ashwin Upasane, Site Head	
FIRM NAME	STREET ADDRESS
Cipla Limited	L129 - 146 S - 103 - 105 S - 107 - 112 L147 - L147 1
CITY, STATE, ZIP CODE, COUNTRY	TYPE ESTABLISHMENT INSPECTED
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer

There is no non-viable particle (NVP) data to support the Class 1,000 area classification submitted in the (NVP) data to support the Class 1,000 area classification

b. Injection USP, by mg/ml and by mg/ml mg

The Associate Director of Quality Assurance confirmed there have been no supplements to the bubble submitted to the Agency regarding the change of manufacturing room classifications i.e., from "Class 1000 [Grade B Area] [ISO 5]" to the company's current Grade C (ISO 7) surrounding area.

# Unit (b) (4)

2. The "Mapping Study for Selection of NVPC Monitoring Routine Location" document #SP/U9-61 dated 09 May 2018, objective "is to evaluate the exiting online non-viable particulate matter monitoring locations to ensure; *Appropriate probe orientation to obtain a meaningful sample which indicate true level of extrinsic particle contamination where product is exposed.*" The scope of the study protocol is as follows i.e., "This study shall be conducted for all online NVPC monitoring location in product and sterile container closure exposure path (Grade – A) at sterile product manufacturing lines at Cipla, Verna Goa units." The Associate Director Quality Assurance confirmed that they have not performed the study for the aseptic fill line number (4) in Unit (b) (4)

OF THIS PAGE Thomas J Arista, National Expert Rajiv R Srivastava, Investigator    April	OF THIS PAGE		June P Page Investigation 2000.405709 2000.405709 Daile Signed 09-27-2019 13 10 47	DATE ISSUED 9/27/2019
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	ALTH AND HUMAN SERVICES RUG ADMINISTRATION
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032	DATE(S) OF INSPECTION 9/16/2019-9/27/2019*
Rockville, MD 20857	FEI NUMBER
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NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	•
Mr. Ashwin Upasane, Site Head	STREET ADDRESS
Cipla Limited	L129 - 146 S - 103 - 105 S - 107 - 112
CITY. STATE. ZIP CODE. COUNTRY	L147 - L147 1
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer
the aseptic conditions.  Specifically,  Unit (b)(4)  1. Aseptic filling processing of finished drug processing steps, are performed win regards to non-viable particle (NVP) ma. the Grade A (b)(4) monitored for the presence NVP;  b. there is no record to document that the A (ISO 5) classification;  c. there is an NVP (b)(4) position (b)(4) is not positioned immediately b d. the (b)(4) (room #(b)(4)) are (b)(4) (room #(b)(4)). there is no room #(b)(4) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) (room #(b)(4)) is not positioned immediately b d. the (b)(4) (room #(b)(4)) (roo	room (b) (4) ), is not  e (b) (4) room # (b) (4) is maintained to the Grade  tioned on the system (Grade A – (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the e is no NVP measurements taken between the following opering station (b) (4) room the HEPA filters; conveyed from the Grade A stoppering station to the eigenvalue of the HEPA filters; conveyed from the Grade A stoppering station to the eigenvalue of the HEPA filters; conveyed from the Grade A stoppering station to the eigenvalue of the HEPA filters; conveyed from the Grade A stoppering station to the eigenvalue of the HEPA filters; conveyed from the Grade A stoppering station to the eigenvalue of the HEPA filters; conveyed from the Grade A stoppering station to the eigenvalue of the HEPA filters; conveyed from the Grade A stopperi
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DEPART	MENT OF HEALTH AND HUMA FOOD AND DRUG ADMINISTRATI		
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NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED			
Mr. Ashwin Upasane, Site Head	STREET ADDRESS		
Cipla Limited		46 S - 103 - 105 S - 1	107 - 112
112	L147 - L	147 1	
Vasco Da Gama, Goa, 403722 Ind	ia Pharmace	utical Manufacturer	
(b) (4)	2	(b) (4)	_
g. regarding the	mechani	sm of the dynamic	there is no
standard oper		ish the manner of testing a	nd ensuring
that the (b) (4) mecha	anism functions appropri	ately.	
T L - : (b) (4)			
Unit  2. Aseptic filling processing of fi	nished drug products i a	from acantic filling to the	(b) (4)
(b) (4) processing steps are p	erformed within a Grade	A (ISO 5) environment R	egarding
		A (ISO 5) environment (b) (4)	)
stoppering station. From the s	toppering station to the	station it is appr	oximately (b) (4)
(b) (4) However;	and I I continued to the bibliographic sections of the bibliograph		
(b) (4)			(b) (4)
a. there is no	ocated bet	ween the stoppering station	and the
tation; and			
h there is no date to support	that the area between the	(b) (4)	a stannarina
b. there is no data to support station to the	is maintained to Gra	de A (ISO 5)	ne stoppering
station to the	is maintained to Gra	de A (150 5).	
3. The "Air Flow Pattern" docum	ent #1035-E-0071, dated	l 26 Jul 2016 establishes ".	a procedure
for checking of airflow pattern	. (1985년 - 1984년 - 1987년 - 1985년 - 1985년 - 1985년 - 1985년 - 1987년 - 1987년 - 1987년 - 1987년 - 1987년 - 1987년 - 198		
flow (LAF) units, (b) (4)			between
adjacent area." There standard	l procedure establishes, f	or example, " (b) (4)	
(b) (4)			
(J) (4)			
In addition, the "Air Flow Patt	ern Checking" documen	#FP-009_dated 20 Sep 20	18 establishes
"a procedure for checking o			
areas,		(b) (	4)
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Rajiv R Srivastav	a, investigator	X Date Signed 09-27-2019 13 10 47	
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FORM FDA 483 (09/08) PREVIOUS EDITION OBSOLETE	INSPECTIONAL O	BSERVATIONS	PAGE 15 of 38 PAGES

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	G ADMINISTRATION
DISTRICT ADDRESS AND PHONE NUMBER	DATE(S) OF INSPECTION
12420 Parklawn Drive, Room 2032	9/16/2019-9/27/2019*
Rockville, MD 20857	FEI NUMBER
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NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	
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Mr. Ashwin Upasane, Site Head	
FIRM NAME	STREET ADDRESS
Cipla Limited	L129 - 146 S - 103 - 105 S - 107 - 112
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CITY, STATE, ZIP CODE, COUNTRY	TYPE ESTABLISHMENT INSPECTED
ENTERTAINMENT OF THE PROPERTY AND	
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer
(b) (4)	75.770
T)	ne standard procedure establishes to (b) (4)
(b) (4)	1 (b) (4)
the following". fo	r example.
****	

Quality Assurance, Engineering and Microbiology Departments reviewed and approved the report and air flow pattern videos.

(b) (4)

The following table lists several instances where the unidirectional airflow patterns could not be determined and/or observed. Note: the summary provided in the table is not intended to be an all-inclusive and/or exhaustive list of concerns, for example;

Approximate time stamp		(b) (4)	(b) (4)	
b) (4)	(b) (4)	unable	e to observe airflow at b	ack
	b) (4) (b) (4)	obstruct vie	ew; unable to observe un	nidirectional airflow
	(0) (4)	obstruct view; ur	nable to observe unidire	ctional airflow
	Personne	l blocking view; unabl	e to observe unidirection	nal airflow
	Personne	l blocking view; unabl	e to observe unidirection	nal airflow
		l blocking v <u>iew; unabl</u>	e to observe unidirection	nal airflow
	(b) (4)	RABs, una	ble to observe unidirect	ional airflow
	Fill (b) (4)	area blocking view;	unable to observe unidir	rectional airflow
	Unable to	observe unidirections	l airflow when (b) (4)	bag
	(6) (4)		there is no smoke to o	bserve unidirectiona

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#### DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032 9/16/2019-9/27/2019\* FEI NUMBER Rockville, MD 20857 3004081307 NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED Mr. Ashwin Upasane, Site Head FIRM NAME STREET ADDRESS L129 - 146 S - 103 - 105 S - 107 - 112 Cipla Limited L147 - L147 1 CITY, STATE, ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED Vasco Da Gama, Goa, 403722 India Pharmaceutical Manufacturer

(b) (4)	airflow
	There is no smoke to observe unidirectional airflow
	No smoke over personnel movement; cannot observe unidirectional airflow
	No smoke over personnel movement; cannot observe unidirectional airflow
	No smoke over personnel movement; cannot observe unidirectional airflow
	Unable to observe unidirectional airflow pattern due to placement of smoke (b) (4)
	No smoke over (b) (4) (b) (4)
	Assembly
	Cannot see unidirectional airflow patterns (b) (4)
	block ability to observe unidirectional airflows
	block ability to observe unidirectional airflows
	(b) (4)
	blocking view; unable to observe unidirectional airflow patterns
	blocking view; unable to observe unidirectional airflow patterns
	No smoke; cannot determine unidirectional airflow patterns
	No smoke (b) (4) cannot determine unidirectional airflow patterns
	Cannot observe unidirectional airflow patterns
	Personnel arm blocking view; unable to observe unidirectional airflow
	Smoke not (b) (4) unable to determine unidirectional airflow patterns
	Cannot see smoke (b) (4) unable to determine unidirectional airflow
(b) (4)	Camera too close; cannot see unidirectional airflow patterns (b) (4)
	Cannot see unidirectional airflow patterns
	Top down view; cannot see unidirectional airflow patterns  (b) (4)
	There is no smoke (b) (4)
	(b) (4) unable to observe unidirectional airflow patterns (b) (4)
	No smoke unable to observe
	unidirectional airflow patterns

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June P Page, Investigator Thomas J Arista, National Expert Rajiv R Srivastava, Investigator



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DISTRICT ADDRESS AND PHONE NUMBER	DATE(S) OF INSPECTION
12420 Parklawn Drive, Room 2032	9/16/2019-9/27/2019*
Rockville, MD 20857	FEI NUMBER 3004081307
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	
Mr. Ashwin Upasane, Site Head	
FIRM NAME	STREET ADDRESS
Cipla Limited	L129 - 146 S - 103 - 105 S - 107 - 112
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CITY, STATE, ZIP CODE, COUNTRY	TYPE ESTABLISHMENT INSPECTED
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer

(b) (4)	(b) (4)	no smoke; cannot observe		
	unidirectional airflow	due to angle of the camera		
	Line Dyn	namics (b) (4)		
	(b) (4)	mable to determine unidirectional airflow due to		
	equipment blocking th	ie view		
	Camera too far from a	ctivity cannot see details of airflow		
	Smoke not over hands	; unable to determine unidirectional airflow		
	Camera too close cann	Camera too close cannot see unidirectional airflow		
	Cannot see unidirection	onal airflow during movement of (b) (4)		
	Adjustment of (b) (4)	no smoke over personnel arm; unable to		
	observe unidirectional	airflow		
	(b)	75.F1		
The air flo	w pattern studies did not includ equipment, the dynamic	e an evaluation to determine and visualize the air flor movement for the (b) (4)		

Approximate time stamp	(b) (4) (b) (4)
b) (4)	No smoke over personnel during set up
	No smoke over personnel (0)(4)
	No smoke over personnel's (b) (4)
	Air flow video documenting smoke moving in an direction; near smok (b) (4)
	No smoke over personnel's (b) (4)
	(0) (4)
	No smoke <sup>(D) (4)</sup> Air flow video documenting smoke moving in an direction
	No smoke <sup>(D) (4)</sup>

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June P Page, Investigator Thomas J Arista, National Expert Rajiv R Srivastava, Investigator



9/27/2019

DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION			
DISTRICT ADDRESS AND PHONE NUMBER	DATE(S) OF INSPECTION		
12420 Parklawn Drive, Room 2032	9/16/2019-9/27/2019*		
Rockville, MD 20857	FEI NUMBER 3004081307		
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Mr. Ashwin Upasane, Site Head			
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CITY, STATE, ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED			
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer		

rectional air flow en access panel unable to onal air flow				
unable to				
onal air flow				
v to verify air				
nidirectional air				
munectional an				
flow; view is blocked  Cannot see unidirectional air flow; view is blocked				
70 00 00				
stopper - cannot see unidirectional air flow due to angle of				
camera				
Mimic the breakdown activities of fill machine – personnel blocking				
view of air flow				
Power Failure – no air flow pattern performed to mimic intervention				

4. A is used to transfer, for example, sterilized equipment, equipment parts, and utensils used during the aseptic filling operations, from the to the LAF (Grade A) unit that is positioned adjacent to the lill line. The interior of the

20-2-120-20-20-20-20-20-20-20-20-20-20-20-20-2	EMPLOYEE(S) SIGNATURE	DATE ISSUED
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OF THIS PAGE	Thomas J Arista, National Expert Rajiv R Srivastava, Investigator    X   Signed by 2000-405709   X   Signed 09-27-2019 13 10 47	To repaid the second second second

DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION			
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032 Rockville, MD 20857	DATE(S) OF INSPECTION 9/16/2019-9/27/2019* FEI NUMBER 3004081307		
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	•		
Mr. Ashwin Upasane, Site Head	STREET ADDRESS		
Cipla Limited	L129 - 146 S - 103 - 105 S - 107 - 112 L147 - L147 1		
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer		
has HEPA filtered air, the interior is classified as Grade A and it has flow. There is no air flow pattern evaluation of the configuration. In addition,  a. No evaluation has been performed to determine, when the air flow is impacted by the air movement provided by the LAF unit and/or the converse.			
OBSERVATION 4 Buildings used in the manufacture, processing, packing, or holding of a drug product do not have the suitable size and construction to facilitate cleaning, maintenance, and proper operations.			
Specifically,			
1. The "Visual Assessment of Aseptic Manufacturing Process" document #QA-32 dated 23 Mar 2017 establishes "a procedure for observations and recording of aseptic areas status/activity during aseptic processing." The standard procedures include but are not limited to, for example, "Behavior of production personnel during aseptic operations and interventions. Movement in aseptic area (i.e., fast/moderate/slow). Intervention performed in the aseptic area. Aseptic techniques observed during handling of sterilized equipment/accessories. Problem encountered (if any)." The Associate Director of Quality Assurance explained, to reduce the number of personnel during the aseptic filling operations, the In-Process Quality Assurance (IPQA) personnel can observe the aseptic filling via the in Unit Unit			
filling operations. In addition;	is a limitation with regards to adequately observing the aseptic CTV) system was installed and qualified (I/OQ) on February		
SEE REVERSE June P Page, Investig Thomas J Arista, Nata Rajiv R Srivastava, I	ional Expert June P Page Investigator		

DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION			
DISTRICT ADDRESS AND PHONE NUMBER	DATE(S) OF INSPECTION		
12420 Parklawn Drive, Room 2032	9/16/2019-9/27/2019*		
Rockville, MD 20857	FEI NUMBER 3004081307		
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	1		
Mr. Ashwin Upasane, Site Head			
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	L147 - L147 1		
CITY, STATE, ZIP CODE, COUNTRY	TYPE ESTABLISHMENT INSPECTED		
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer		

2014 and a performance qualification (PQ) was executed on March 2104. The CCTV provides a real time and a direct and an unobstructed view. For example, for Unit (b) (4) the CCTV provides the ability to observe the (room # (b) (4)), filling area (room # (b) (4)), active dispensing and excipient dispensing areas; for Unit (b) (4) the CCTV provides the ability to observe the external corridor near change room (b) and filling, (b) (4) and filling, (b) (4) and (b) (4) manufacturing areas. The "Continual Process Verification" document #CQA 386/1035-G-0172 dated 26 Apr 2019, establishes the "...procedure for a continuous process verification that shall assure the process in the state of control (validated state) during commercial manufacturing." Regarding the aseptic filling process, personnel activities and manual manufacturing operations, the company does not use the CGMP CCTV technology to observe the aseptic filling process. Rather, as noted in the preceding observation, the aseptic processing is observed via the use of the (b) (4)

# **OBSERVATION 5**

Procedures designed to prevent microbiological contamination of drug products purporting to be sterile are not established, written and followed.

Specifically,

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June P Page, Investigator
Thomas J Arista, National Expert
Rajiv R Srivastava, Investigator



DATE ISSUED 9/27/2019

	DEPARTMENT OF HEAL FOOD AND DRU			
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032		DATE(S) OF INSPECTION		
Rockville, M			9/16/2019-9/27/2019* FEI NUMBER	
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NAME AND TITLE OF INDIVIDU	8/1			
Mr. Ashwin U	pasane, Site Head	STREET ADDRESS		
Cipla Limited		L147 - L		107 - 112
Vasco Da Gama	a, Goa, 403722 India	Pharmace	utical Manufacturer	
(b	Sample locations Si	te Grac (b) (4)	de Isolates  Micrococcus luteus  Brevibacterium casei	
			Bacillus subtilis Bacillus amyloiquefacients	
			Brevibacterium casei Bacillus amyloiquefacients	
contami connect (b) (4)		or the compl	The probability of context structure of the limitation to seanitize	ntamination of and product
The current standard procedure "Sanitization of Critical Area (For Grade document #MT-180, dated 20 Sep 2018, establishes "a procedure for sanitization of manufacturing and filling areas along with associated areas." The standard procedure provides guidance that includes, for example, "The flow of cleaning activity should be as per the below order: "and cleaning instructions regarding a manual"				
SEE REVERSE OF THIS PAGE	EMPLOYEE(S) SIGNATURE  June P Page, Investigator  Thomas J Arista, National E:  Rajiv R Srivastava, Investi		June P Page Investigator Signed by 2000405709 Date Signed 199-27-2019 13 10 41	DATE ISSUED 9/27/2019
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Rockville, MD 20857	3004081307	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	•	
Mr. Ashwin Upasane, Site Head		
FIRM NAME	L129 - 146 S - 103 - 105 S - 107 - 112	
Cipla Limited	L147 - L147 1	
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer	
cleaning scheme and manual cleaning scheme. However, the standard procedure is silent with respect to provide directions, guidance and/or instructions with regards to sanitizing the complex piping connection and piping configurations of the		
to sanitizing the complex big piping connection and piping configurations of the skid. Note: Please refer to the objectionable conditions regarding the personnel gow es, big and sanitization efficacy observations.		
(BASE)	on Areas of Injectable Department" document #MT- cedure for entry and exit to different production	

- 2. The "Entry and Exit Procedure for Production Areas of Injectable Department" document #M1-631, dated 20 Jun 2019 establishes "...a procedure for entry and exit to different production areas such as area of injectable department." The Senior Director Operations and Senior Manager explained that production staff that enters the filling area for injectable are required to don disposable socks, that is after removing their personal socks and prior to sitting and crossing over the cross over bench. It was also explained that personnel are required to disinfect with a disinfectant solution. Regarding the recovery of Bacillus microorganisms during e investigation, the standard procedure does not include directions, instructions and/or contains language regarding the removal of the personnel's personal socks. And, the standard procedure does not provide directions, instructions and/or contains language regarding the use of disinfectant solution. In addition;
  - a. During the initial entry into Unit all personnel are required to don factory attire.

    Briefly, they remove their street cloths and don a specific color coded and required to wear dedicated factory shoes. The dedicated shoes are cleaned on a periodic base. They remove their personal attire and street shoes in a dedicated area prior to physically cross over a bench. As personnel stand in front of the cross over bench, they are standing with their personal socks in the same floor area where their street shoes have previously walked upon.

    Personnel cross over the cross over bench and then don the factory attire and dedicated factory shoes. As noted above, personnel that enter into the filling area for injectable

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Rockville, MD 20857	3004081307		
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must don disposable socks, which requires the removal of the personal socks. Regarding the above investigation, the root cause of the Bacillus contamination did not include and evaluation to determine if the personal socks is a source of the microbial contamination;

- There has been no evaluation to determine if the personnel entry area where
  personnel remove their personal street shoes is a possible source of the Bacillus
  contamination;
- ii. As previously noted, the and the factory dedicated shoes are cleaned on a periodic base. However, regarding the disposable socks that are required to be worn when entering and working in the fill area for injectable department, there is no information with regards to their cleanliness and there has been no evaluation to determine if the disposable socks are a source of the Bacillus contamination;
- batch number AR number dated 04/01/2008, acceptance criteria are as follows. "The disinfectant solution must demonstrate at least [b] log reduction (for bacterial spores) and [b] log reduction (for fungi and vegetative bacteria) in the viable count of the test organisms used within for other disinfectants." The evaluation conclusion describes shows greater than [b] log reduction for fungi and vegetative bacteria but does not show any reduction with bacillus spores within of contact time."
- 3. The "Microbiological Monitoring of Environment, Surfaces and Personnel in Production Area" document #1035-L-0086 dated 09 Apr 2019 establishes "The limits given in this SOP are

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guidance limits. Hi Control 2 and Hi Control 1 (Alert and action limits) should be calculated as			

guidance limits. Hi Control 2 and Hi Control 1 (Alert and action limits) should be calculated as per SOP 1035-L-0089 / SOP 1035-L-0029 from historical data.

The "Establishment of Alert and Action Levels" document #1034-L-0089 dated 23 Aug 2019 provides guidance for establishing the Alert and Action levels for Environmental monitoring, Surface and Personnel monitoring. The defines Action Level (Hi Control 1) as "Levels which when exceed shall trigger an investigation and corrective and prevention action based on the investigation." Alert Level is defined as "Levels which when exceed may result in an investigation, to determine if the process is still within control." Despite the establishment of the aforementioned standard operating procedures, the microbial alert and action levels have not been established.

4. The "Tests on Disinfectants" document #MM-24, dated 11 May 2015 establishes "To provide a method and frequency for determining the antibacterial and antifungal efficacy of disinfectants." The standard procedure lists typical surfaces (i.e., "representative surfaces should be used in form of coupons") to be decontaminated by disinfectants the pharmaceutical areas, for example;



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CITY, STATE, ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED				
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- a. Regarding the Mincare cold sterilant Surface Challenge Test dated 17/03/2018 and 12/02/2018 the tests challenge coupons included (grade unknown) and The March 2018 analysis did not include emaining materials of construction noted in the standard procedure;
- b. The (b) (4) Surface Challenge Test 20/07/2010 tests challenge coupons consisted of (grade unknown). The July 2010 analysis did not include the remaining materials of construction noted in the standard procedure;
- c. The preceding observations document that the surface challenge testing performed for the representative surfaces and materials established in the standard procedure is inconsistence with, and a departure from, the requisite tests procedure. And, it precludes the company from substantiating and "...determining the antibacterial and antifungal efficacy of disinfectants."
- 5. The "Investigations of Aberration Microbiological Test Result" document number 1035-G-0174, is intended "To provide a procedure to describe the investigation / evaluation / retesting / resampling and reporting of microbiological tests results which are out of specifications to assist in recommending acceptance or rejection of material / product under investigation and leading to appropriate actions related to but not limited to procedures, personnel processes, facilities, equipment, Starting material, Finished Products, Primary Packaging Material, Media Filled Units and Medical and Medical Devices." The standard procedure establishes "The labeled plates, tubes, Canisters should be stored at 2-8 degree Celsius and not discarded or cleaned until the outcome of any investigation is known (Example, identification of the isolates is completed). Photographs of all the plates under investigation should be retained." The Associate Director Microbiologist and Manager Microbiology confirmed they do not take photographs of the microbiological contaminants on the

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Mr. Ashwin Upasane, Site Head		
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CITY, STATE, ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED		
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer	

a. Not obtaining the required photographs of the microbiological contaminants that are under investigation is inconsistent with, and a departure from, the established standard operating procedure.

Unit (b) (4)

- 6. There are photographs in the Microbiology Observation Room that provide instructions and illustrations regarding "Use colony counter for count colonies", "This type of growth should be counted as two colonies", "Merged colonies distinctly different should be counted separately. In this picture, the colonies which should be counted as (b) and "Label plates in legible handwriting. Use appropriate permanent pen marker". The Associate Director of Quality Assurance explained the photographs are for "awareness" purposes and confirmed that the photographs illustrating microbiological colonies and microbiological instructions are not part of the standard operating procedures. In addition;
  - a. There are multiple "awareness" photographs with instructions that illustrate the personnel gowning requirements when entering and exiting the Unit facilities, which include entry into the Injectable Department. The Associate Director of Quality Assurance confirmed that the color photographs and instructions are not part of the standard operating procedures.

#### **OBSERVATION 6**

Procedures designed to prevent microbiological contamination of drug products purporting to be sterile did not include adequate validation of the aseptic and sterilization process.

Specifically,

1. Unit (b) (4) - Regarding microbiological trending from 02/2018 to 07/2018 there have been numerous instances when there was >(b) CFU recovered from the personnel garment cubicle,

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Thomas J Arista, National Expert

Rajiv R Srivastava, Investigator



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not iden  a. From from in th in th (b)(4) C  2. The "Va	nt #JU09 <sup>(b) (4)</sup> dated 19/02/procedure and its effectiveness.'	veral instance of the instance	ces when (a) or > (b) CFU we there are (b) contaminants an limit i.e., (b) CFU/plate  109/(b) (4) VP/01 and valishes the objective is "Total CFU/els.	In addition;  vas recovered  used are not identified (settle plate) and  lidation report To validate the
The acce	eptance criteria include (b) (4)			er
Associat	te Director of Quality Assurance ex he "bioload" within the on;	plained the designated	intent of the display the disp	process is to
a. Ther	hold time performed in the		d support the validation;	ime and
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Mr. Ashwin Upasane, Site Head		
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CITY, STATE, ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED		
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer	

- b. There is no microbiological data regarding the initial "bioload" and/or data to document the reduction of the "bioload" subsequent the process; There is no data regarding some form of microbial challenge to demonstrate effectiveness.
- c. There is no standard procedure to establish the quantity of for a given volume in cubic feet. For example, for AHU vial filling area, sterile filtration area and extended corridor the quantity of an area of cubic feet.
- 3. The "Identification and Maintenance of Inhouse Isolates" document number 1035-L-0087, dated 27 Sep 2018, scope is "Applicable to Isolates from Water, Environmental Monitoring, Finished Products, Raw materials, Packaging, In process, Readymade media plates, Inhouse prepared plates and other utilities such steam, compressed air and nitrogen." The standard procedure establishes in the identification policy, "Identification to be completed in once the analytical section Microbiologist hands over the plate to the person performing the identification." The Associate Director Microbiologist and Manager Microbiology confirmed that there is no data regarding the scientific rationale for the establishment of the identification policy. In addition;
  - a. The technician who performed the morphology and identification steps confirmed that there is no record to document that a verification has been performed to affirm that the microbial contaminants' morphological characteristics have not changed from their initial characterization and/or negatively impacted other unknown microbes on the older of the older.

### OBSERVATION 7

Written procedures are not established for the cleaning and maintenance of equipment, including utensils, used in the manufacture, processing, packing or holding of a drug product.

Specifically,

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Vasco Da Gama	, Goa, 403722 India	Pharmaceutica	l Manufacturer	
i				
laka aa				
	lidated the cleaning process for a n		- 1	at have been
used to manufac	ture and ship a number of drug pro	ducts to US such	as;	
1 The clear	ning validation for your	(ID # TL-232 Un	it is not current.	You completed
	ing validation in 2013. As of Septe			
verificati	ion nor cleaning validation Vour	(ID # T	I -232 [Init (D) (4) is a t	non-dedicated
equipme	nt and has been used to manufactur	e registration bate	ches of (b) (4)	
(b) (4)	ablet <sup>(b) (4)</sup> mg (b) (4) tablets) for	US.		,
2 Von have	a not realidated the alegains are see	(b) (4)	(ID # CL-131 Unit	(b) (4) V
2. You nave	e not validated the cleaning process (ID # CL-131 Unit (b) (4) is a non-de	diagted equipmen		
and ship		CONTRACTOR OF STATE O	MESS STORE THESE THE PARTY	E1 12111 201000000000000
and ship a number of drug products to US. A list of products manufactured and shipped to US in between 2017-2019 include but not limited to; (5)(4) mg				USP (b) (4) mg
(b) (4)	and ship a number of drug products to US. A list of products manufactured and shipped to US in between 2017-2019 include but not limited to; (b) (4) capsules USP (b) (4) mg (b) (4) mg (b) (4) tablets).			
	3. The cleaning validation for your equipment (ID # PD-2 Unit is not adequate. You			
3. The clear	ning validation for your equipment	(ID # P (b) (4) (b) (4)	D-2 Unit is not	adequate. You
(b) (4)	ed the cleaning validation in 2013 f	Or Faction of this on	mg (Batch Nos. (b) (4	rvith a
different	drug product (b) (4)	(b) (4) mg (Rate	h No (b) (4)	our (b) (4)
. You completed cleaning verification of this equipment on 2/7/2019 with a different drug product, (b)(4) mg (Batch No. (b)(4) . Your (D)(4) is a non-dedicated equipment. You have used this equipment to			t to	
manufacture and ship a number of drug products to US. A list of products (b) (4)				
		2.446.		mg
(v) (+)	capsule), (b) (4) (b) (4)	apsule mg mg	" capsule	), and
(b) (4)	capsule mg mg (b) (4)	capsule	At a S	
4 The class	ning validation for your equipment	(b) (4) (ID # 7	025 Unit (b) is not a	adaguata Van
4. The clear	ed the cleaning validation in 2012 f	(b) (4) (b) (4)	mg, (b) (4)	dequate. Tou
(b) (4) mg.	and (b)(4) mg tablets (	Batch Nos. (b) (4)		You
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non-ded drug pro include	non-dedicated equipment. You have used this equipment to manufacture and ship a number of drug products to US. A list of products manufactured and shipped to US during 2017-2019				Unit is a a number of
ODCEDVATIO	ONI 0				
OBSERVATION The specification		iant in that	than da e	at inaluda a dagan	intion of the
-	ons for in-process materials are defic for in-process materials.	ient in that	mey do i	ioi include a descr	ipiion of the
samping plan i	of in-process materials.				
Specifically,					
1 27					
Your manuf	facturing record for (b) (4)	J	Tablet (b) (4)	mg, Batch Record	l No.
(b) (4) (b) (	4)			ot include samplin	
in-process n	naterials testing for specifications in	eluding;	5		
V63 (43)	75.V.40	THE PARTY		#)	
			ersion 13.0,		
Effectiv	e date 7/21/2017) and SOP No. OI-4	9 (4)			(5)(4)
	ersion 11.0, Effective date 11/4/2017	). This pro	cedure de	oes not have instru	ction for
obtainin	g the representative samples.				
(b) (4)	CODN- OLOS On anti-	(b) (4)		A N (	4-1 ETD 1020
(Vansias	as per SOP No. OI-05 Operation 8.0, Date of Issue 5/29/2015). This	n oi	do		del ETD-1020
	tative samples.	procedure	does not	have msiruction ic	or obtaining the
represen	mative samples.				
(b) (4)	as per SOP No. OI-06 Operation and	Cleaning	f (b) (4)		
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<u> </u>	, version one, Effective date 2 15/201	). 11115 PI			
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obtaining the representative samples.  In addition, your manufacturing record did not include in-process testing for stated that the requirement for in-process testing for was waived by the Agency on June 14, 2011 based on abundant historical data. However, you revalidated your process in 2019. Your initial process validation is summarized in Summary of Product Assessment:  Tablet (a)(4) mg. This report confirmed that the process was validated on November 30, 2006 on a units scale in (a)(4) (ID # T-144). Your current process was validated on January 30, 2019 that is summarized in Document No. VAL/31002626/0004/REP/SUM Version No. 02. This document confirmed that the current process was validated on (b)(4) kg (b)(4) in (D # T-382).  Since February 2019, you have manufactured and shipped (b)(4) tablet (b)(4) mg) to the U.S. Market. These tablets were manufactured using the current process that was validated in January 30, 2019 and lacked (b)(4) test along with sampling				
plans for in-process materials.  OBSERVATION 9  There are no written procedures for production and process controls designed to assure that the drug				
products have the	he identity, strength, quality, and pu	rity they pu	rport or are represented to	possess.
Specifically,				
Your equipment qualification did not include the qualification of designed to provide a barrier between the process. I reviewed the following qualification report for process.				
<ul> <li>Installat</li> </ul>	ion Qualification Protocol No. IQ/G	OA10/14	P/01 (Version No. 1, Da	ated 1/20/2014).
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• Perform 4/10/201		/GOA10/14/ <sup>(b) (4)</sup> 0	l (Version No. 1, D	Oated	
I observed to function of	the base report did not include gasket during the	qualification to est process.	ablish and challeng	e the desired	
During the i	nspection of you (b) (4) ducts (of (b) (4) in your multiple un	its including but no	lrug product residue t limited to:	e were found in	
(b) (4) (b) (4) and potential cro	. The exhaust ducts are integral part of the system				
OBSERVATION 10 Equipment used in the manufacture, processing, packing or holding of drug products is not of appropriate design to facilitate operations for its intended use and cleaning and maintenance.					
Specifically,					
1. Your observed was free (b) (4) was a ga	(ID # T-006 Unit b) is open in your diameter b) (4) is open in your ly coming inside the was attached on the b) (4) and the valve. If sh. There was a layer of dust and for	Upon opening the valve. I saw the also saw the	was not sealed was c	en such that air I observed a	
SEE REVERSE OF THIS PAGE	June P Page, Investigator Thomas J Arista, National Ex Rajiv R Srivastava, Investi		June P Page Investigation Signed By 2000405709 Signed By 200405709 Date Signed 09-27-2019 13 10 47	9/27/2019	
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	DEPARTMENT OF HEAL FOOD AND DRUG			£S.	
DISTRICT ADDRESS AND PHON 12420 Parklav	ENUMBER Vn Drive, Room 2032		DATE(S) OF INSPECTION 9/16/2019-9/27/2019*		
Rockville, MI			FEI NUMBER 300408	SCRIBE/INIU	
			7.884.8784800.84784.		
NAME AND TITLE OF INDIVIDUA	NL TO WHOM REPORT ISSUED				
19.	pasane, Site Head				
Cipla Limited		STREET ADDRESS  L129 - 146 S - 103 - 105 S - 107 - 112  L147 - L147 1			07 - 112
Vasco Da Gama	n, Goa, 403722 India	Pharmace		Manufacturer	
valve. Your <sup>(b) (4</sup> manufac	was also colored substance around outside the nd near the nd near the				ed to acts t limited to:
(b) (4)	tablets), and $^{(b)}$ tablet USP $^{(b)}$ mg $^{(b)}$ mg $^{(b)}$ mg $^{(b)}$				
2. Your (ID # TL-192 Unit (a) is open to outside atmosphere. On September 24, 2019, I observed a diameter (b) (4) in your (ID # TL-192) that was open such that I could feel the air flow inside of the Upon opening the (b) (4) I observed a (b) (4) was attached on the (b) (4) was freely vibrating and letting the air inside the I also saw the I also saw the (b) (4) was covered with a bird mesh. There was a layer of dust and foreign materials inside the					
Your (ID # TL-192 Unit (b) (4) is a non-dedicated equipment that have used to manu nd ship a number of ug products to the U.S. Market. A list of products manufactured and shipped to the U.S. Market during 2017-2019 include but are not limited to:  (b) (4) tablet (b) (4) mg (b) (4) tablets), tablet (b) (4) mg (b) (4) tablets), tablets).					
Your firm's Director of the Technical Operation stated that all the similar (covered with a covered with a no record/verification that ensure (b)(4) are covered/sealed to prevent entry of foreign materials from outside atmosphere.					
SEE REVERSE OF THIS PAGE	EMPLOYEE(S) SIGNATURE  June P Page, Investigator  Thomas J Arista, National Ex  Rajiv R Srivastava, Investig			June P Page Investoator State of 2000405709 X Date signed 09-27-2019 13 10 47	DATE ISSUED 9/27/2019

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	TH AND HUMAN SERVICES G ADMINISTRATION	
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032 Rockville, MD 20857	DATE(S) OF INSPECTION 9/16/2019-9/27/2019* FEI NUMBER 3004081307	
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED	<u> </u>	
Mr. Ashwin Upasane, Site Head		
FIRM NAME	STREET ADDRESS	
Cipla Limited	L129 - 146 S - 103 - 105 S - 107 - 112 L147 - L147 1	
CITY, STATE, ZIP CODE, COUNTRY	TYPE ESTABLISHMENT INSPECTED	
Vasco Da Gama, Goa, 403722 India	Pharmaceutical Manufacturer	
OBSERVATION 11 There is a failure to thoroughly review any unexplaits components to meet any of its specifications when Specifically,	nined discrepancy and the failure of a batch or any of ether or not the batch has been already distributed.	

1. DEV-1011-2018-00246 documents HEPA Filter Integrity Test (FIT) failures on 13 September 2018, for Unit (b) (4) Sterile Injectable Filling Line(4) "Filter media leakage observed in (b) (4) "Gold (4) "Gold

On 25 September 2019, your Unit QA Deputy Manager, who conducted the review of this deviation, stated during the QA Impact Assessment Review, the Non-Viable Particle Counts (NVPC) were assessed in the Sterile Filtration Area (Room . However, your firm's Deviation documents the Sterile Filtration Area passed the HEPA FIT and HEPA FIT failures were observed in the following Grade A Areas: Vial Filling and Plugging Area (Room (B) (4) , Area (Room (B) (4) ).

Sterile injectable drug products and drug products are filtered in the sterile filtration area (Room (B)(4)), which passed HEP 3 September 2018; then proceed to the vial filling area (Room (B)(4)), which failed HEPA FIT on 13 September 2018; then proceed to the area (Room (B)(4)), which failed HEPA FIT on 17 September 2018.

Your QA impact assessment review is deficient with regards to conducting a review of the NVPC in the areas which failed HEPA FIT. In addition, **OBSERVATION 3** addresses NVPC concerns in the (b)(4) Area (Room (D)(4)).

	EMPLOYEE(S) SIGNATURE June P Page, Investigator Thomas J Arista, National Expert Rajiv R Srivastava, Investigator	June P Page investigator Signed By 2000-405709 Date Signed 09-27-2019 13 10 47	9/27/2019
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DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION								
DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032				9/16/20	PECTION 019-9/27/2019*			
Rockville, MD 20857				FEI NUMBER				
				3004083	1307			
Mr. Ash		ntowhom reportissued Dasane, Site Head						
Cipla Limited L129			L147 - L	ADDRESS - 146 S - 103 - 105 S - 107 - 112 - L147 1				
Vasco I	Constitution of the state of	ry 1, Goa, 403722 India	TYPE ESTABLISHMENT INSPECTED Pharmaceutical Manufacturer					
7	Your fin	m aseptically filled (b) (4) batches of s	sterile inject	tables and	drug	products from		
	Market).		51 (116	ese batche	es were distributed	i to the OS		
1,	·imici).							
I i	2. DEV-1011-2018-00322 documents HEPA FIT failures for Unit Sterile Injectable Filling Line (E): Laminar Air Flow (LAF) for Equipment IDs: IE/153, IE/154, IE/155, and IE/156, located in the Sterile Filtration Area (Room (D)(4)) on 8 December 2018. The last passing HEPA FIT for this area was performed on 1 July 2018.							
Ī	Toweve	r during your OA review for impag	t accecemen	nt narticle	e counts were asse	essed in the		
(b)	) (4)	r, during your QA review for impact Area (Room during bate	h production	on, not the	Sterile Filtration	Area. The		
(b)	) (4)	Area utilizes AHU #15 and tl						
P	Your QA impact assessment review is deficient with regards to conducting a review of the Particle Counts in the area where the HEPA FIT failed. In addition, <b>OBSERVATION 3</b> addresses smoke study concerns related to air flow pattern evaluations.							
a	Your firm aseptically filled batches of sterile injectables and approximately (4) of these batches were distributed to the UMarket).							
f	3. DEV-1011-2018-00261, documents damage of the on 05 October 2018, for Unit (b) Sterile Injectable Filling Line (b) in the Sterile Filtration Area (Room passing HEPA FIT for this (b) (4) was performed on 2 August 2018.							
Your QA categorized this deviation as "Minor" since the "damaged bid" is not under direct product pathway" and "the batches of bid" will undergo a								
		EMPLOYEE(S) SIGNATURE				DATE ISSUED		
SEE REV		June P Page, Investigator			A 177	9/27/2019		
OF THIS	PAGE	Thomas J Arista, National E. Rajiv R Srivastava, Investi			June P Page Investigator Signed By 2000405709 Date Signed 09-27-2019 13 10 47			
		inji i siivastava, investi	52001		X			

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	DEPARTMENT OF HEAL						
FOOD AND DRUG ADMINISTRAL DISTRICT ADDRESS AND PHONE NUMBER		G ADMINISTRAT	DATE(S) OF INSPECTION				
	12420 Parklawn Drive, Room 2032 Rockville, MD 20857		9/16/2019-9/27/2019*				
Rockville, MI			FEI NUMBER 3004081307				
			3004001307				
NAME AND TITLE OF INDIVIDUA	AL TO WHOM REPORT ISSUED						
Mr. Ashwin Up	pasane, Site Head						
FIRM NAME	Section 1. Control of the Control of Control	STREET ADDRESS					
Cipla Limited	1	L129 - 146 S - 103 - 105 S - 107 - 112					
L147 - I							
CITY, STATE, ZIP CODE, COUN		TYPE ESTABLISHMI					
Vasco Da Gama	a, Goa, 403722 India	Pharmaceutical Manufacturer					
100 1110 1111							
Your QA	A impact assessment review is defice	cient with re	gards to conducting a revie	w of the			
Particle	Counts in the area where the HEPA	FIT failed.	In addition, OBSERVATI	ON 3			
addresse	es smoke study concerns related to a	ir flow patt	ern evaluations.				
	•						
Your fir	m aseptically filled (b) (4) batches of st	erile injecta	bles and (b) (4) drug n	roducts from			
opprovis	nately nately batches of st	(b) of the	se batches were distributed	to the LIC			
		(4) OI IIIe	se datches were distributed	to the US			
Market)	ki.						
ODGEDIA	237.44						
OBSERVATIO		an 190 - 10	SAN MA SAN SAN				
Written procedu	ires are not reviewed and approved	by the qual	ity control unit.				
Specifically,							
763 743	#1740	(b) (4)					
An (b) (4)	Test for (b) (4)	(5) (4)	batch n	umber			
	ated 09 Apr 2016 was performed "T	o provide r	nethod and frequency for de	etermining the			
	and antifungal efficacy of disinfec						
	no longer work at the company. The						
	1						
	o one within the current Quality As	ssurance dep	partment has reviewed and a	approved the			
study protoc	col and report.						
*DATES OF I	NSPECTION						
9/16/2019(Mon	), 9/17/2019(Tue), 9/18/2019(Wed)	, 9/19/2019	(Thu), 9/20/2019(Fri), 9/21	/2019(Sat),			
9/23/2019(Mon), 9/24/2019(Tue), 9/25/2019(Wed), 9/26/2019(Thu), 9/27/2019(Fri)							
(3) (20) (3) (2) S (20) (3) (2) N (2							
				Transaction and			
	EMPLOYEE(S) SIGNATURE			DATE ISSUED			
SEE REVERSE	June P Page, Investigator			9/27/2019			

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OF THIS PAGE | Thomas J Arista, National Expert

Rajiv R Srivastava, Investigator

#### DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION DISTRICT ADDRESS AND PHONE NUMBER 12420 Parklawn Drive, Room 2032 9/16/2019-9/27/2019\* FEI NUMBER Rockville, MD 20857 3004081307 NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED Mr. Ashwin Upasane, Site Head FIRM NAME STREET ADDRESS L129 - 146 S - 103 - 105 S - 107 - 112 Cipla Limited L147 - L147 1 CITY, STATE, ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED Pharmaceutical Manufacturer Vasco Da Gama, Goa, 403722 India

Thomas J Arista

National Expert

Signed By: Thomas J. Arista -S
Date Signed: 09-27-2019 13:11:19

Rajiv R Srivastava Investigator Signed By Rajiv R. Srivastava -S Date Signed: 09-27-2019 13:11:56

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June P Page, Investigator Thomas J Arista, National Expert Rajiv R Srivastava, Investigator



9/27/2019