



# INSPECTION DOSSIER

## FOR

# FILTER HOUSING

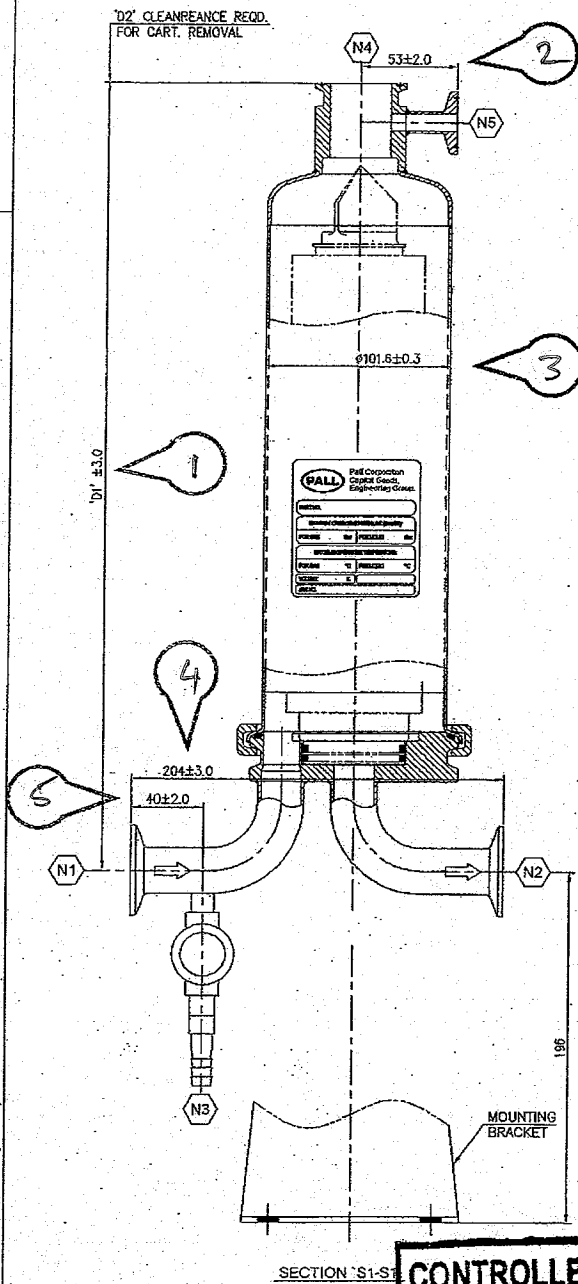
EQUIPMENT	: SASMI SERIES FILTER HOUSING
CUSTOMER	: INDIAN IMMUNOLOGICALS LIMITED
PART NUMBER	: SASMI0105G23BH4
BATCH NUMBER	: FY2100525 (Qty.05 Nos.)
PURCHASE ORDER NUMBER	: 4511003835
VOLUME NUMBER	: 01

# MANUFACTURER'S RECORD BOOK INDEX

<b>Sr. No.</b>	<b>Title</b>
<b>1</b>	<b>GA Drawing</b>
<b>2</b>	<b>Certificate of Conformance (COC)</b>
<b>3</b>	<b>Final Inspection Report</b>
<b>4</b>	<b>Surface Finish Inspection Report</b>
<b>5</b>	<b>Hydro test Report</b>

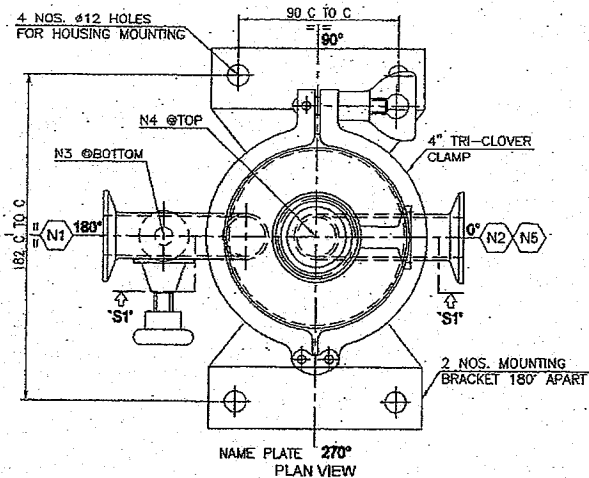
IF IN DOUBT - ASK

© 2020 Pall Corporation. This drawing may contain confidential technical data, including trade secrets proprietary to Pall Corporation. The drawing, design rights and all other disclosures in this document are the property of Pall Corporation. Unauthorized use, copying, distribution to third parties, manufacture, or reproduction in whole or in part is prohibited.



SECTION 'S1-S'

**CONTROLLED COPY**



PART NO. SASMI 0  G  B

CODE	INLET / OUTLET CONNECTION	CODE	SEAL MATERIAL
23	1" T/C CONN.	H4	SILICONE

CODE	CARTRIDGE QTY x TYPE	Φ1	Φ2	WEIGHT (KG)	CAPACITY (LITERS)
105	1x AB02/AB05	310	190	-	-
11	1 x AB1	430	304	3.0	2.0
12	1 x AB2	684	552	5.0	4.0

FILTER HOUSING PART NUMBER NOMENCLATURE PHILOSOPHY FOR PART NOS. REFER TABLE

LIST OF HOUSING PART NOS.		
SR. NO.	HOUSING PART NO.	REMARK
1	SASMI0105G23BH4	
2	SASMI011G23BH4	
3	SASMI012G23BH4	

ACCESSORIES LIST			
DESCRIPTION	ORDERING REFERENCE		QTY.
DIAPHRAGM PRESSURE GAUGE 0-10 Kg/cm <sup>2</sup> g 1 1/2" TRICLOVER CONN	10PG25TCOLL		01
DIAPHRAGM VALVE WITH STABULI CONN FOR VENT	08DV150TSTLL04		01
MOUNTING BRACKET KIT	ACS0155HA		01
1 1/2" TRICLOVER CLAMP	25TCC06S		01
1/2" TRICLOVER CLAMP	12TCC01S		01
1 1/2" TRICLOVER GASKET SILICONE	TG006H4		01
1/2" TRICLOVER GASKET SILICONE	TG055H4		01

DESIGN DATA

DESIGN AND CONSTRUCTION CODE	AS PER PALL STD.
CONFIGURATION : HOR./VER.	VERTICAL
MAX. OPERATING PRESSURE : Kg/cm <sup>2</sup> g	10
MAX. OPERATING TEMPERATURE : °C	140
HYDROTEST PRESSURE : Kg/cm <sup>2</sup> g	15
RADIOGRAPHY	NIL
CARTRIDGE TYPE	AB CODE 7
CARTRIDGE QTY.	1

NOZZLE SCHEDULE

MARK	SERVICE	SIZE	THK.	RATING	TYPE	DESCRIPTION
N1	INLET	1"	-	-	-	CLAMP COUPLING
N2	OUTLET	1"	-	-	-	CLAMP COUPLING
N3	DRAIN	8 mm	-	-	-	DIAPHRAGM VALVE
N4	PRESSURE GAUGE	1 1/2"	-	-	-	CLAMP COUPLING
N5	VENT	1/2"	-	-	-	CLAMP COUPLING

MATERIAL OF CONSTRUCTION

HOUSING	SS 316L
O' RING/SEAL MATERIAL	SEE TABLE
CLAMP	SS 304
MOUNTING BRACKET	SS 304

NOTES :-

- ALL DIMENSIONS ARE IN mm; UNLESS OTHERWISE STATED.
- IT IS ADVISABLE TO INSTALL PRESSURE RELIEF DEVICE IN PIPE LINE TO PROTECT VESSEL FROM OVER PRESSURE.
- FILTER ELEMENT CARTRIDGES WILL BE SUPPLIED LOOSE & TO BE INSTALLED AT SITE.

SURFACE FINISH

- INTERNAL - <math>0.4\mu</math> ELECTRO POLISH
- EXTERNAL - MIRROR POLISHED

REV	DATE	REVISION DESCRIPTION	DRAWN	CHKD	APP'D
03	17.12.20	REVISED AS MARKED	KP	RK	SP
02	18.05.17	REVISED AS UPDATED	GRJ	SW	AS
01	19.01.16	REVISED AS UPDATED	VSS	AS	AS
00	25.09.15	FIRST RELEASE	VINOD	AS	AS

REVISION CONTROL

CLIENT	
PROJECT NO	
PROJECT	

DRAWING TITLE  
GA DRAWING FOR SASMI SERIES FILTER HOUSING

DRAWING No.	REV No.
CG-SASMI-01-001	03 A2

**PALL** Pall India Pvt. Ltd.,  
Survey No. 237, IT Park Phase 1,  
Hinjawadi, Pune 411 057 (India)

SHEET: 1 OF 1  
SCALE: 1 : 2

FORMAT: FT-1492-APR-001-PAW-00

## CERTIFICATE OF CONFORMITY

*We certify that the items herein conform to the requirements of your purchase order.*

SO/PO No.: 4511003835

Product Name: FILTER HOUSING

Part No.: SASMI0105G23BH4

Batch No.: FY2100525

Quantity: 05

This is to certify that the product identified on this document has been passed all the performance tests designated by Pall Corporation. We hereby certify the quality of the product is in compliance with the requirements of drawings and technical specifications.

Satish Nazirkar

04-03-2022

Authorized Representative: Quality Manager

Date

The information contained herein is intended for use by the entity described above and Pall Corp. only. The information is considered privileged and /or confidential. You are hereby notified that distribution, dissemination, duplication or transmission to anyone but the intended recipient is prohibited.

SVE

## SIDHI VINAYAKA FAB ENGINEERING PVT LTD

## TITLE : FINAL INSPECTION REPORT

Customer Name :	PALL INDIA PVT LTD	Date :	28-02-2022	Page:01/02
Customer P O :	4505081194	Material :	SS 316 L	
Part Name :	SASMI 5" HSG	Lot Qty :	12 NOS	
Part NO :	1SASMI0105G23BH4	Smpl Qty :	12 NOS	
Drawing NO :	CG-SASMI-01-001 Rev.03	SL NO :	01 - 10	

SI NO	Dimension as per drawing	Tolerance	Actual Dimensions				
			1	2	3	4	5
1	53	± 2.0	53.3	53.1	53.3	53.2	53.1
2	101.6	± 0.3	101.6	101.6	101.6	101.6	101.6
3	310	± 3.0	312.1	311.4	311.6	310.9	311.5
4	40	± 2.0	40	40	40	40	40
5	204	± 3.0	204.4	203.7	203.6	204.4	204.6

SI NO	Dimension as per drawing	Tolerance	Actual Dimensions				
			6	7	8	9	10
1	53	± 2.0	53.1	53.3	53.4	53.2	53.1
2	101.6	± 0.3	101.6	101.6	101.6	101.6	101.6
3	310	± 3.0	310.8	311.6	312.2	312.4	312.7
4	40	± 2.0	40	40	40	40	40
5	204	± 3.0	203.7	204.3	204.4	204.1	204.2

SI.NO	Instrument Used	ID NO.	Cal Due Date
1	Vernier Caliper	SVE/DVC/U2/04	15-Nov-22
2	Analog Height Gauge	SVE/HG/02/U2	30-Mar-22

NOTE : 1) ALL DIMENSIONS ARE IN MM

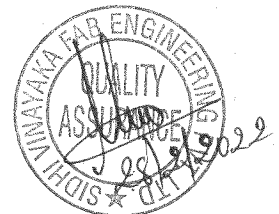
2) VISUALLY CHECKED, FOUND OK AND ELECTROPOLISHED

Remarks : Found OK

Accept : ✓

Rework : x

Reject : x

Checked By: V.S28/02/22

Approved By:

FORMAT NO:SVFEPL/QA/F/06/36/0

**SVE**

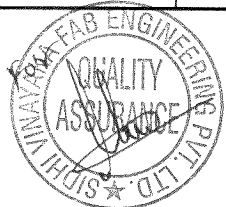
**SURFACE FINISH INSPECTION REPORT**

PO NO	4505081194	DATE	: 28/02/2022
PART NO	1SASMI0105G23BH4	PAGE NO	: 01/01
DRAWING NO	CG-SASMI-01-001 REV : 03	QTY	: 12 NOS

SL NO	PART NAME	CHECKING POINTS	REQUIRED SURFACE FINISH	MEASURED VALUE					NO. OF MEASUREMENTS	CONCLUSION
				1	2	3	4	5		
1	HOUSING BOWL INSIDE	1	≤ 0.4 μm	0.19 / 0.21	0.22 / 0.24	0.20 / 0.22	0.23 / 0.25	0.18 / 0.20	2	Accepted
2	HOUSING BOWL OUTSIDE	2	Mirror Polished	0.10 / 0.12	0.11 / 0.13	0.10 / 0.12	0.12 / 0.14	0.08 / 0.10	2	Accepted
3	BASE INSIDE	3	≤ 0.4 μm	0.22 / 0.24	0.20 / 0.22	0.18 / 0.21	0.20 / 0.22	0.18 / 0.20	2	Accepted
4	BASE OUTSIDE	4	Mirror Polished	0.08 / 0.10	0.10 / 0.12	0.12 / 0.14	0.10 / 0.12	0.09 / 0.11	2	Accepted

SL NO	PART NAME	CHECKING POINTS	REQUIRED SURFACE FINISH	MEASURED VALUE					NO. OF MEASUREMENTS	CONCLUSION
				6	7	8	9	10		
1	HOUSING BOWL INSIDE	1	≤ 0.4 μm	0.20 / 0.22	0.23 / 0.25	0.22 / 0.24	0.20 / 0.23	0.18 / 0.20	2	Accepted
2	HOUSING BOWL OUTSIDE	2	Mirror Polished	0.10 / 0.12	0.12 / 0.14	0.11 / 0.13	0.10 / 0.12	0.12 / 0.14	2	Accepted
3	BASE INSIDE	3	≤ 0.4 μm	0.18 / 0.20	0.20 / 0.22	0.20 / 0.22	0.18 / 0.21	0.20 / 0.22	2	Accepted
4	BASE OUTSIDE	4	Mirror Polished	0.12 / 0.14	0.10 / 0.12	0.12 / 0.14	0.08 / 0.10	0.10 / 0.12	2	Accepted

SL NO	PART NAME	CHECKING POINTS	REQUIRED SURFACE FINISH	MEASURED VALUE					NO. OF MEASUREMENTS	CONCLUSION
				11	12					
1	HOUSING BOWL INSIDE	1	≤ 0.4 μm	0.20 / 0.22	0.22 / 0.24				2	Accepted
2	HOUSING BOWL OUTSIDE	2	Mirror Polished	0.10 / 0.12	0.12 / 0.14				2	Accepted
3	BASE INSIDE	3	≤ 0.4 μm	0.18 / 0.20	0.20 / 0.22				2	Accepted
4	BASE OUTSIDE	4	Mirror Polished	0.12 / 0.14	0.10 / 0.12				2	Accepted



INSPECTED BY : SRINIVAS

SVE

**SIDHI VINAYAKA FAB ENGINEERING PVT. LTD.**

No. 206, 11<sup>th</sup> Main, 3<sup>rd</sup> Phase Peenya Industrial Area Bangalore-560 058  
 Phone: 28390891, Telefax: 080-28390891, 41171891, E-mail: sve@sidhivinayakafab.com

<b>SVE</b>	<b>TITLE : CERTIFICATE OF HYDRO TEST/PNEUMATIC. TEST</b>	DATE: 25-09-2009 REV.NO.: 00
PREPARED BY: QA		PAGE 1 OF 1

Customer : PALL INDIA PVT LTD

Report No. : SVE/PI/0565/22

This is to certify that PART# 1SASMI0105G23BH4 Drg no. CG-SASMI-01-001 Rev.03

Description : SASMI 5" HSG

Quantity : 12 NOS

Manufactured against your P.O.# 4505081194

Dated # 21-12-2021

W.O.NO # 674/21-22

Dated # 21-12-2021

has been Hydro tested.

Under the following conditions:-

SI NO.	Pressure in Kg/Cm2 or Bar	Date	Time Start	Time End	Quantity per Batch	Gauge No.	Remarks
1	15 [SILICONE 'O'RING]	28-02-2022	11:20 AM	11:50 AM	05 NOS	55366/A22 Cal.Due.Date: 17-01-2023	No Leakage
2	15 [SILICONE 'O'RING]	28-02-2022	12:00 PM	12:30 PM	05 NOS	55366/A22 Cal.Due.Date: 17-01-2023	No Leakage
3	15 [SILICONE 'O'RING]	28-02-2022	12:40 PM	1:10 PM	02 NOS	55366/A22 Cal.Due.Date: 17-01-2023	No Leakage

Pump : Manual Hand Pump

Note : The Chloride content of water is Nil (&lt;25 ppm).

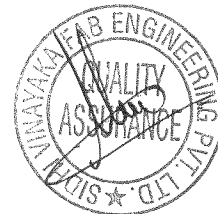
REMARKS : No leakage found at the time of test carried.

Tested by :

Verified by :



*Jayaram*  
Jayaram



Srinivas

Specialist in:

Stainless Steel Fabrication & Steel Structural, Tubular Structural, SS.Pressure Vessels,  
 Precision Machine Components, Fabrication in Ferrous & Non Ferrous Metal.