## alled

## **ALLIED ENGINEERS**

Works: W-155, MIDC, Phase II, Village Sagoan, Dombivli (E), Dist.-Thane, Maharashtra - 421204 

— - +918879782850 / +919819535309 Email:-alliedengineers 76@gmail.com

Client	M/s. Laxmi Organics Industries Ltd.	Insp. By	TUV INDIA +
P.O. No.	4100013805 Dt14.05.2021	Egpt. Name	KETEN CATCH POT (T-6002)

				,			
Tag No.	T-6002	Drg. No	AE/21/05/T/424 Rev 02	PTR No	02	PTR Date	14.09.21
			· · · · · · · · · · · · · · · · · · ·				~ ~ · · · · · · · · ·

#### PRESSURE TEST REPORT

Description	Test	Test Pressure		Holding	Vessel
	Medium	Reqd	Actual	Time	Position
Equipment MOCSA 240 GR 316L	Water	7.8	8.0	60 Min	Vertical
Ketene Catch Pot T-6002		Kg/Cm <sup>2</sup> (g)	Kg/Cm <sup>2</sup> (g)		, ortious
Shell Side					

Pressure Gauge	Pressure Gauge	Calibration	Calibration	Calibration	Calibration
Sr.No	Range	Date	Due Date	Certificate No.	Certificate Date.
AE/PG- 02	0 to 25 Kg/Cm <sup>2</sup> (g)	08.09.2021	08.03.2022	21/1055	09.09.2021
AE/PG- 08	0 to 14 Kg/Cm <sup>2</sup> (g)	08.09.2021	08.03.2022	21/1048	09.09.2021

Water Lab Test Report:-Chloride Content:- 10.12 ppm

pH:- 6.58

Lab→ Metallurgical Services Pvt. Ltd.T.C No.:- WT/2000268 (1) Date:- 05.01.2021

<u>Remarks</u>:- THIS IS TO CERTIFY THAT THE ABOVE MENTIONED EQUIPMENT IS HYDROSTATIC TESTED AT ABOVE MENTION TEST PRESSURE, IN VERTICAL POSITION AND FOUND SATISFACTORY, NEITHER VISIBLE LEAKAGE NOR PRESSURE DROP OBSERVED.

# Hydrobest Found Satisfactory

# Egpt. released for dispatch

Subject to picking a pressivation

of Ss parts & painting of cs

parts frather character from

Client

M/s. Allied Engragers

Sign.

Sign.

Seal

Name Mr. PankajToshniwal/ Harshad Ingle.

Mr.

TPI:- M/s. TUV India

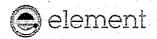
REVIEWED NOTED

Audlas

Ingle Mr.

PankajToshniwal/ Harshad Ingle.

TPI:- M/s. TUV India



## Metallurgical Services Pvt. Ltd.

Mehta House, Ashok Silk Mills Lane Opp Damodar Park, Off L.B.S. Marg Ghatkopar (West), Mumbai - 400086 Maharashtra, India T: +91 (0) 22 2500 9401/15 F: +91 (0) 22 2500 1740 info.india@element.com element.com

ULR - TC758621000000260F

TEST CERTIFICATE

Page No.1 of 1

To

Allied Engineers (Dombivali) W-155, Midc, Phase - II, Sagaon, Dombivali (East),,, Thane, 421201, T.C. No.: WT/2000268(1)
Date : 05/01/2021
Ref No : AE/LAB/2020/219
Ref Date: 30/12/2020
Date of Receipt 31/12/2020

TESTING OF DRINKING WATER SAMPLE. SPECIFICATION : DRINKING WATER

DESCRIPTION : CLEAR COLOURLESS WATER SAMPLE.

QTY : 50ml (APPROX)

STAMP BY : AE

Our Lab No ID Marks WT/2000268-1

AE/WS-01

ORGANOLEPTIC, PHYSICAL & GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE

IN EXCESSIVE AMOUNTS/PARAMETERS CONCERING TOXIC SUBSTANCE

NO PARAMETER RESULTS METHOD

1 ph 6.58 IS 3025(P-

6.58 IS 3025(P-11):1983(RA 2012)

2 CHLORIDE 10.12 ppm IS 3025 (P-32):1988 (RA 2014)

Note: The Analytical findings reflect the quality of the sample at the time of testing

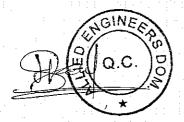
\*\*\* END \*\*\*

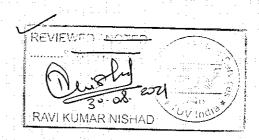
For METALLURGICAL SERVICES PVT. LTD.

LTD.

CHECKED BY

SANDERY DISTRICT SANDA







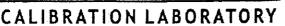
as

All work and services carried out by Metallurgical Services Pvt. Ltd. are subject to, and conducted in accordance with, the standard Terms and Conditions of Metallurgical Services Pvt. Ltd. which are available at https://www.element.com/terms/terms-and-conditions or upon request. This document may not be reproduced other than in full, except with the prior written approval of the issuing laboratory. The results relate only to the item(s) tested. Sample(s) not drawn by Metallurgical Services Pvt. Ltd. Accredited by NABL as per ISO/IEC 17025:2005 in the Chemical, Mechanical and Radiological Testing.

Certificate No: TC-7586 (in Ileu of T-0135, T-0136 and T-4085)
CIN No: U74999MH2008PTC181318



## brilliant industries





## Certificate of Calibration

CERTIFICATE NO: 21/ 1055				•
			DATE OF ISSUE:	09/09/2021
DATE OF CALIBRATION	NEXT DUE DATE	PAGE NO.	NO. OF PAGES	15,05,2521
08/09/2021	08/03/2022		TO. OF FAGES	f = 01.03.0
#5/03/2021	(CUSTOMER DECIDED)	1.	. i i.	FR-01-03-0

CUSTOMER

: M/S. ALLIED ENGINEERS

0 - 25

W-155, MIDC INDUSTRIAL ESTATE, PHASE-II, SAGAON, DOMBIVLI (E).

Srf no.

21/88

dtd. 08.09,2021

Challan No.& Date

DESCRIPTION RANGE MAKE ACCURACY ID.NO./SR NO

Letter

PRESSURE GAUGE kg/cm²

kg/cm² **GLUCK** ±1% of FSD

CONDITION WHEN RECEIVED **ENVIRONMENTAL CONDITIONS** METHODS OF MEASUREMENT PLACE OF CALIBRATION

LOCATION REF.OF STD/CALPROCEDURE NO.

AE/PG-02 Satisfactory

Temperature: (23±1) C,R.humidity: (45-55) %

dtd. 08.09.2021

+Ve Pressure ONSITE DOMBIVLI

IS 3624-1987, DKD-R6-1/WI-01-09

STANDARD EQUIPMENT USED FOR CALIBRATION

SR.NO	NAME	3,17	116711				
DK.IIU	MAME	ID.NO	MAKE	RANGE	CERT NO		
	DIGITAL TEST		7.11.11.1	KANGE	CERT. NO.	CAL. DATE	DUE DATE
1	GAUGE	BI/PG/68	VE	0-35 bar	NI/2105/001/001	03.05.2021	02.05.2022
All the me	easurements perfo	rmed are traceable to	i o national/int.standards	thereigh 114 Di			<u>                                       </u>
			a Heriotish III Czrafida i 02	millondu MARI SCCL	edited calibration lab.		

		<del></del>	CALIBRATION F	ESULTS			
UUC READING	READING OF MASTER		MEAN VALUE	DEVIATION	ERROR	HYSTERESIS	
Pind Pstd		d				<u> </u>	
M1 (up)	M1 (up)_	M2 (down)	f=(M1+M2)/2	ΔP=P - Pind	F.S	h= IM2-M11	
kg/cm²	kg/cm²	kg/cm <sup>2</sup>	kg/cm²	kg/cm²			
0	0.000	0.000	0.00		%	kg/cm²	
5	5.061	5.072		0.00	0.00	0.000	
10	10.119	10,121	5.07	0.07	0.27	0.011	
15	15.140		10.12	0.12	0.48	0.002	
20		15,158	15.15	0.15	0.60	0.018	
	20.165	20.166	20,17	0.17	0.66		
25	25.172	25.192	25.18	0.18		0.001	
TATUS : VALID	CALIBRATION			0.19	0.73	0.020	

UNCERTAINITY OF MEASUREMENT AT 95.45%C.L.

= 0.2 BAR With coverage factor k = 2.

CALIBRATED BY: O/I CALLAB R.B.V

NOTE:1. The calibration results reported in this certificate are valid at the time of & the stated condition of measurements.

2. This certificate should not be reproduced except in full without prior permission of BICL.

3. This report refers only to particular Item(s) submitted for calibration. 4. readings given above are as on received condition of an instrument.

VIEWED / NOT

APPROVED BY:

T.M.CAL.LAB

M.D Chavan

(L.I / Q.M)

CHETAN CHAUDHARY





# brilliant industries

## CALIBRATION LABORATORY



# Certificate of Calibration

CERTIFICATE NO: 21/ 1048	ULR-CC327221000001048F			
DATE OF CALIBRATION 08/09/2021	NEXT DUE DATE 08/03/2022	PAGE NO.	DATE OF ISSUE : NO. OF PAGES	09/09/2021
	(CUSTOMER DECIDED)	1	1	FR-01-03-0

kg/cm²

kg/cm²

CUSTOMER

: M/S. ALLIED ENGINEERS

W-155, MIDC INDUSTRIAL ESTATE, PHASE-11, SAGAON, DOMBIYLI (E).

Challan No.& Date

DESCRIPTION RANGE L.C MAKE ACCURACY ID.NO./SR NO

Letter **PRESSURE GAUGE** 0 - 14

0.5

GURU

dtd. 08.09.2021

Srf no.

21/88

dtd. 08.09.2021

CONDITION WHEN RECEIVED **ENVIRONMENTAL CONDITIONS** METHODS OF MEASUREMENT PLACE OF CALIBRATION LOCATION REF.OF STD/CALPROCEDURE NO.

±1% of FSD AE/PG-08 Satisfactory

Temperature:(23±1)\*C,R.humldity: (45-55) %

+Ve Pressure ONSITE DOMBIVLE

IS 3624-1987, DKD-R6-1/WI-01-09

STANDARD EQUIPMENT USED FOR CALIBRATION

SR.NO	NAME	ID.NO					
1.	DIGITAL TEST		MAKE	RANGE	CERT, NO.	CAL DATE	
1 1	GAUGE	BI/PG/68	VE			CAL, DATE	DUE DATE
All the ma				0-35 bar	NI/2105/001/001	03,05,2021	00.00
An are me	asurements perfo	mned are traceable to	o national/int.standards			A0107-5051	02.05.2022
	÷ -		ZUMOTION INC. SCATIONIUS	unrough NABL accr	edited calibration lab		

			CALIBRATION	ESULTS	•	
UUC READING Pind	READING	OF MASTER	MEAN VALUE	DEVIATION	ERROR	HYSTERESIS
	P:	std				
	M1 (up)	M2 (down)	P=(M1+M2)/2	ΔP=F - Pind	F.S	h= IM2-M1I
kg/cm²	kg/cm²	kg/cm²	kg/cm²	11		11.17.1471
0.0	0.000	0.000	0.00	kg/cm²	9%	kg/cm²
2.5	2.517	2.545		0.00	0.00	0.000
5.5	5.566	5.569	2.53	0.03	0.22	0.028
8.0	8.074	8.092	5.57	0.07	0.48	0.003
11.0	11.094		8.08	0.08	0.59	
14,0	***************************************	11.096	11.10	0.09		0.018
	14.100	14.102	14.10	0.10	0.68	0,002
MANUS IVALID	CALIBRATION			0.10	0.72	0.000

UNCERTAINITY OF MEASUREMENT AT 95.45%C.L.

= 0.2 BAR With coverage factor k = 2.

CALIBRATED BY:

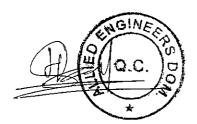
O/I CALLAB R.B.V

APPROVED BY:

T.M.CALLAB M.D Chavan (L.I / Q.M)

NOTE:1. The calibration results reported in this certificate are valid at the time of & the stated condition of measurements,

- 2. This certificate should not be reproduced except in full without prior permission of BICL.
- 3. This report refers only to particular item(s) submitted for calibration.
- 4. readings given above are as on received condition of an instrument.





(r.specijo CHETAN CHAUDHARY



## **ALLIED ENGINEERS**

Works: W-155, MIDC, Phase II, Village Sagoan, Dombivli (E), Dist.-Thane, Maharashtra - 421204 ☎ - +918879782850 / +919819535309Email:- alliedengineers76@gmail.com

Client	M/s. Laxmi Organics Industries Ltd	Insp. By	TUV INDIA /
P.O. No.	4100013805 Dt14.05.2021	Eqpt. Name	KETEN CATCH POT (T-6002) / (からにし)

 Tag No.
 T-6002
 Drg. No
 AE/21/05/T/424
 Rev 02
 PTR No
 01
 PTR Date
 30.08.21

#### PRESSURE TEST REPORT

Description	Test	Test Pro	essure	Holding	Vessel
	Medium	Reqd	Actual	Time	Position
Equipment MOCSA 240 GR 316L				-	
Limpet MOCSA 240 GR 304 <	Water	7.8	8.0	60 Min	Vertical
Ketene Catch Pot T-6002 -		Kg/Cm <sup>2</sup> (g)	Kg/Cm <sup>2</sup> (g)		, , , , , , , , , , , , , , , , , , , ,
Limpet Side					
				····	· <del></del> -

Pressure Gauge	Pressure Gauge	Calibration	Calibration	Calibration	Calibration
Sr.No	Range	Date	Due Date	Certificate No.	Certificate Date.
AE/PG- 15	0 to 28 Kg/Cm <sup>2</sup> (g)	08.03.2021	08.09.2021 _	21/7659	10.03.2021 -
AE/PG- 06	0 to 14 Kg/Cm <sup>2</sup> (g)	08.03.2021	08.09.2021 -	21/7653	10.03.2021 -

Water Lab Test Report:- Chloride Content:- 10.12 ppm

pH:- 6.58

**Lab→** Metallurgical Services Pvt. Ltd.

**T.C No.**:- WT/2000268 (1)

Date:- 05.01.2021

<u>Remarks</u>:- THIS IS TO CERTIFY THAT THE ABOVE MENTIONED EQUIPMENT IS HYDROSTATIC TESTED AT ABOVE MENTION TEST PRESSURE, IN VERTICAL POSITION AND FOUND SATISFACTORY, NEITHER LEAKAGE NOR PRESSURE DROP OBSERVED. >

SENSION.		M/s. Allied Engineers	TPI:- M/s. TUV Indi	ia povento che
O CONTRACTOR OF THE PARTY OF TH	Sign. & Seal	Q.C. 0		Quiotal Distriction
TOTAL	Name	Mr. Pankaj Toshniwal/ Harshad Ingle.	Mr.	RAVI KUMAR NISMAD
Š		L		

# alled

## **ALLIED ENGINEERS**

Works: W-155, MIDC, Phase II, Village Sagoan, Dombivli (E), Dist.-Thane, Maharashtra - 421204 ☎ - +918879782850 / +919819535309Email:-alliedengineers76@gmail.com

<del></del>			
Client	M/s. Laxmi Organics Industries Ltd.	Insp. By	TUV INDIA
P.O. No.	4100013805 Dt14.05.2021	Eqpt. Name	KETEN CATCH POT (T-6002) - 0.2-L

Tag No. T-6002 Drg. No AE/21/05/T/424 Rev 02 FDR No 01 Date 11.09.21

#### **DIMENSION CHECK REPORT**

SN.	DESCRIPTION	DIMENSI	ON'S in mm
		REQUIRED	ACTUAL
	SHELL OUTSIDE CIRCUMFERENCE	2074 mm	2068 mm
2	SHELL EFFECTIVE OUTSIDE DIAMETER	660 mm	658 mm
3	TAN LINE TO TAN LINE OF VESSEL	850 mm	857 mm
4	LUG SUPPORT ORIENTATION (3 Nos.)	90°, 210°, 330°	90°, 210°, 330°
5	LUG SUPPORT HEIGHT FROM TOP TAN LINE	250 mm	250 mm
	BCD OF LUG SUPPORTS / HOLE DIA	1020 mm/ 24Ø	1018/1020 mm/ 24Ø
7	PCD OF LEGS / HOLE DIA	<del>-¥−</del> 890 mm/ 24Ø	838/840 mm/ 24Ø
8	LIFTING LUG ORIENTATION- (2 NOS)	R-225 from TDC	150 from Top TL
L	EM TAVO ECO OIGENTATION-(2 NOS)	On Top Dish	On Shell
		At 135°& 315°	At 60°& 240°
9	NAME PLATE BRACKET		200 from Top TL
		At 180°	At 168°
10	EARTHING BOSS (2 Nos.)	On Lugs from	On Lugs from
<u></u>			At 90°& 330°

#### **DIMENSION REPORT (NOZZLES)**

Noz.		Size		Service	Deg	Proj.	mm	Location	With
No	NB	Sch	Type			Reqd.	Act	Act	
N1	50	40S	SORF	Bottom Outlet	0	150	153	Bottom Dish Center	
N2	80	40S	SORF	Process Inlet	180°	150	151	R-175 from Top Dish Center	
N3	80	40S	SORF	Process Outlet	0°	150	151	R-175 from Top Dish Center	
N4	80	40S	SORF	Level Transmitter	270°	150	150	R-175 from Top Dish Center	B/F
N5	50	40S	SORF	Vent	90°	150	150	R-175 from Top Dish Center	B/F
N6A	25	40S	WNRF	Level Indicator	292.5°	150	150	650 mm from Nozzie N6B	
N6B	25	40S	WNRF	Level Indicator	292.5°	150	149	100 mm from Bottom TL	
N7	50	40S	SORF	Limpet Inlet	67.5°	150	154	R-237.5 from Bt. Dish Center	
N8	50	40S	SORF	Limpet Outlet	112.5°	150	153	380 from Top TL	
N9	25	40S	SORF	Limpet Vent	135°	150	151	375 from Top TL	
N10	25	40S	SORF	Limpet Drain	22.5°	150	147	R-225 from Bt. Dish Center	

Legs pop as per calculations comes 890 mm.
Admal observed 838/840 mm

Changes to be incorporated in As Built Do

3		GING	REVIEWED / NOTED CONCERN
C) e la		M/s. Allied Engineers	TPI:- M/s. TUV India%WITNESSED / 3 3
CHANTON PART TO THE TANK	Sign. & Seal	(b.c.) (S)	TO TO TO INDIA.
NEW SHIP	Name	Mr. PankajToshniwal/ Harshad Ingle.	Mr.
0		<u>~</u>	

# alled

## ALLIED ENGINEERS

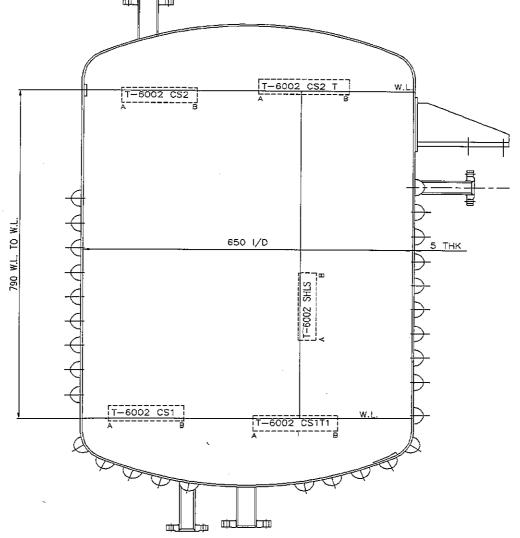
Works: W-155, MIDC, Phase II, Village Sagoan, Dombivli (E), Dist.-Thane, Maharashtra - 421204 
- +918879782850 / +919819535309 
Email:-alliedengineers76@gmail.com

Client	M/s. Laxmi Organics Industries Ltd.	Insp. By	TUV INDIA
P.O. No.	4100013805 Dt14.05.2021	Eqpt. Name	KETEN CATCH POT (T-6002)しこうととと

Tag No. | T-6002 | Drg. No | AE/21/05/T/424 Rev 02 | RTS No | 01 | RTR Date | 11.09.21

**RADIOGRAPHY SUMMARY WITH SKETCH** 

Sr.	Welding Joint No	Film	Film	Inspection Report / Date	Remark	Date of
No.		No	Size			Review
1	T-6002 SHLS W3	A-B	7.5 x 3		Accept	
2	T-6002CS1 W3	A-B	12 x 3	RT/0721/1070 / 12.07.21	Accept	13.07.21
3	T-6002CS1 T1 W3	A-B	7.5 x 3		Accept	13.07.21
4	T-6002CS2 W3	A-B	12 x 3	DT/0001/17/7	Re-Shoot	
5	T-6002 CS2 T1	A-B	7.5 x 3	RT/0921/1747 / 04.09.21	Accept	06.09.21
6	T-6002 CS2 W3 RS	A-B	12 x 3	RT/0921/1754 / 05.09.21	Accept	06.09.21



RT\_Sketch:- T-6002 (0.2KL)

	M/s. Allied Engineers	TPI:- M/s. TUV India
Sign. & Seal	(o.c.) (o	REVIEWED/ NOTED INSPECTION OF VIEW OF
Name	Mr. PankajToshniwal/ Harshad Ingle.	Mr. (3/11/11/20 3/20 3/2)
s Secretariores	7  C	GIMESH DAWANDE

CAMMA	IEERS  5 mm Height  NITY: As per T-276 (Sec ATION  Re	
TD: ASME SEC VIII - Div.1 (App.4) & UW 51/52  NG TEMP: 20° C DEV. TIME: 3 MIN #U  Film Size Penetrometer  (INCH) Sec.V, T - 276.2 (a) View**  12 X 3 ASTM 1 B 11 P 33 ( 7.5 X 3 " " "	T-276 (Sec	
E-2 ACCEPTANCE STD: ASME SEC VIII - Div.1 (App.4) & UW 51/52  M:KODAK AA400 DEVELOPING TEMP: 20° C DEV. TIME: 3 MIN #U  Thickness (mm)* Film Size Penetrometer  Spot (INCH) Sec.V, T - 276.2 (a) A-B	T-276 (Sec	
/Seam Spot Thickness (mm)* Film Size Penetrometer Spot (mCH) (mCH) Sec.V, T - 276.2 (a) View**  A-B 5+1.5 12 X3 ASTM 1 B 11 P 33 0.50 3.45  A-B " " " " 3.45  A-B " " 3.05	OBSERVATION Remark (INDICATION)***	Lead Screen 0.15mm : V Article -2)
A-B       5+1.5       12X3       ASTMIBII       P       33       0.50       3.45         A-B       "       7.5X3       "       "       "       3.45         A-B       "       "       "       "       3.45		T.P.I
A-B " 7.5 X 3 " " 3.45 A-B " " 3.05	ACCEPT	
	ACCEPT	
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		000
	My My	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
		Ces
	12001	* 1040 *
	E BOWDE	
Film No's Sq. in *THCKNESS:Nominal + Backing Strip (if say) + Total Weld Reinforcement For KOTHARE METLAB	MANUFACTURERS	TPI
* * VIEW - P-Panoranic, D-Directional * * * INDICATION - NRI - No / Non Relevant indication		SIGNATURE
3 1 36 # Ug (Geometric Unsharpness) = F (Focus dim.) X Thk / SOD	GINERA	
7.5 3 2 45 OB (Wax) - Under 30mm - 0.51 mm, 50 - 75 mm - 0.70 mm	シシンシン	
0 1) BARC Licence no.: 19 – IRLOP – 377007 Valid up to 01/04/2022 2) BARC PMS Service Institution No. 14045		
ABHAY KOTHARE		
4)AERB Inspection Approval Report - 20-GIS - 4060 dt-11 / 02 / 2020		
O J UDYAM KEBISTIAUDI.NO- UDYAM-WHT-SS-UUSUSUU U I-US.US.ZUZI	-\*/*	
AVINASH/RAVINDRA/MANISH B.ENTRY CTRL CHARTERED ENGINEER		

#### (treatedle Remarks ঠ∂ব SENSITIVITY: As per T-276 (Sec V Article -2) Lead Screen 0.15mm SIGNATURE DATE: 04/09/2021 RESHOOT ACCEPT Remarks Reviewed SOURCE: Ir 192/18.16 Ci, 2.7mm Dia X 1.5 mm Height DOM OBSERVATION CUSTOMER: ALLIED ENGINEERS MANUFACTURERS (INDICATION)\*\*\* O.O. SIGNATURE REPORT NO: RT / 0921 / 1747 JOB ID MARK: LOIL / T - 6002 Minor Undercut る到し #Ug: As per T-274 & T-285 Scratch Density (on IQI) 3.10 3.25 For KOTHARE METLAB **ABHAY KOTHARE** B. Tech. (MET), IIT - MUMBA! RSO & RT LEVEL II (BARC) CHARTERED ENGINEER EXP. (MIN) 3.30 INSPECTION REPORT ASNT LEVEL II (RT) RADIOGRAPHIC SFD (CMS) (GAMMA) DEV. TIME: 3 MIN ACCEPTANCE STD: ASME SEC VIII - Div.1 (App.4) & UW 51/52 55 View\*\* Ω 4)AERB Inspection Approval Report - 20- GIS- 4060 dt-11 / 02 / 2020 5) UDYAM Registration. No- UDYAM-MH-33-0090900 DT-08.06.2021 THICKNESS: Nominal + Backing Strip (if any) + Total Weld Reinforcement # Ug (Geometric Unsharpness) = F (Focus dim.) X Thk / SOD 1) BARC Licence no.: 19 – IRLOP ~ 377007 Valid up to 01/04/2022 2) BARC PMS Service institution No.14045 Sec.V, T - 276.2 (a) Ug (Max) - Under 50mm - 0.51 mm, 50 -75mm - 0.76 mm ASTM 1 A 6/F Penetrometer DEVELOPING TEMP: 20° C \* \* VIEW - P-Panoramic, D-Directional \* \* \* INDICATION - NRI - No / Non Relevant indication CTRL 3) ESIC CODE NO: 34.00.003381.000-0999 Film Size 12 X 3 (INCE) 7.5 X 3 Email: - kotharemetlab@gmail.com, Website: www.kotharemetlab.com Thickness (mm)\* 5+5 (BS)+1.5 B.ENTRY FILM: KODAK AA400 KOTHARE METLAB MOBILE: Abhay Kothare:- 9594975081 / 8850693553 58.5 22.5 Sq. in A - B A-B Production :- 9594915081, Accounts :- 9594975083 Spot TEST CODE: ASME SEC V ARTICLE - 2 Job Sr. No. / Part No. / Seam No's RL 76, Milap Nagar, MIDC Residential Area Dombívli (E.) 421 203. CS2T/W3 CS2/W3 \$ m Film SURAJ/RAHUL/GANESH TECHNIQUE: SWSI 12 7.5 Sr. No. Thickness 9 17 13 14 12 2 18 19 워벙 11 17 유 ď 'n Φ 6 10 otal

KO	KOTHARE METLAB	ME	TLAB			RAD	IOGR	RADIOGRAPHIC		REPORT	REPORT NO: RT/0921/1754	DATE: 05/09/2021	
RL 76, Milap Nagar, N Dombivli (E.) 421 203.	RL 76, Milap Nagar, MIDC Residential Area, Jombivli (E.) 421 203.	atial Area,				<u>(C</u>	(GAMMA)	MA)		CUSTOME	CUSTOMER: ALLIED ENGINEERS		•
MOBILE: Productior Email:- k	MOBILE: Abhay Kothare: 9594975081 / 8850693553 Production: 9594915081, Accounts: 9594975083 Email: - kotharemetlab@gmail.com, Website: www.	9594975081 ccounts :- 9! iail.com , W	1/8850693553 594975083 lebsite: www.	MOBILE : Abhay Kothare :- 9594975081 / 8850693553 , Production :- 9594915081 , Accounts :- 9594975083 Email :- kotharemetlab@gmail.com , Website: www.kotharemetlab.com		INSPECTION REPORT	TION	N REPC		JOB ID MA	JOB ID MARK : LOIL / T - 6002		
TEST CODE: ASME	TEST CODE: ASME SEC V ARTICLE - 2 THE CHANGE IN SWEE	/ ARTICLE	ICLE-2 AC	CEPTANG	ASME SI	CE STD: ASME SEC VIII - Div.1 (App	.4) & UW	51/52	SOURCE	Ir 192 / 8.72	m Dia X	ht Lead Screen 0.15mm	0.15mm
	1015 : 3W31	FILIV	E RODAR A		JEING IF		DEV. LIME: 3 MIN	ł	7:8 <u>0</u> #	#Ug: As per T-274 & T-285		SENSITIVITY: As per T-276 (Sec V Article -2)	vrticle -2)
Sr. No.	Job Sr. No./ Part No./ Seam	No./Seam	Spot	Thickness (mm)*   Fil	Film Size	Penetrometer Sec.V, T ~ 276.2 (a)	View**	SFD (CMS)	EXP. (MIN)	Density (on IQI)	OBSERVATION (INDICATION***	Remarks	T.P.I
1	CS2/W3-RS	-RS	A-B	5+5 (BS)+1.5	12 X 3	ASTM1A6/F	Ω	40	5.40	3.40	NRI	ACCEPT	A-(Ca. A-A)
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Thickness	Film	s,oN	Sq. in	* THICKNESS:Nominal + Backing Strip (if any) + Total Weld Reinforcement	king Strip (if a.	ny) + Total Weld Reinforce	ment	For KOT	For KOTHARE METLAB	TLAB	MANUFACTURERS	T. P. I.	
	M T			* * VLSW - P-Panoramic, D-Directional * * * INDICATION - NRI - No / Non Relevant indication	Airectional o / Non Releva	ut indication	1				SIGNATURE	SIGNATURE	RE
10	12 3	1	36		rpness) = F	(Focus dim.) X Thk / 5	300		S	_	CAINE	-  -	
			0	Ug (Max) - Under 50mm - 0.51 mm, 50 -75mm - 0.76 mm	- 0.51 mm,	50 -75mm - 0.76 mm			_		٧٧	Perience	
			0		1LOP - 37700	7 Valid up to 01/04/2022	022						(S) - 10 / 6
			0	2) BARC PMS Service Institution No.14045	tion No.1404	rv o		× = 0	11021	1	D. O. C.	///	8/1/
			0	4) AERB Inspection Approval Report - 20-GIS - 4060 dt-11 / 02 / 2020	1 Report - 20	)- GIS - 4060 dt-11 / 02 / .	2020	ASNI IEVEL II/PI	ABHAY KOLHAKE	AKE	02/	VI DO	vice
			0		UDYAM-MH-	33-0090900 DT-08.06.20	121	DSO & DT	DOMESTICATE TO BE TO SERVE	ź	くりか		(0, 1, 1, 1)
Total		1	36					March (M	ROOM NILEVEL II (BARE)		*)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Now at AD
AVINASH/A	AVINASH/AMOL/MANISH			B.ENTRY	<u>)</u>	CTRL		CHARTER	CHARTERED FNGINEER	-	į	Small	
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	Works: W-155, MIDC Phase II, Village Sagoan, Dombivli (E), Dist, T	goan, Dombivli (E), D	ist. Thane, Maharasht	ra Tel +9	1 9819535	5209 / 8879782	850 Email:-alli	hane, Maharashtra. Tel: +91 9819535209 / 8879782850 Email:-alliedengineers76@gmail.com	
			MATERIAL HEAT CHART	TCHART					
Client M/s.	tries Ltd.	Insp. By	M/s. TUV NORD (INDIA)	(INDIA)			Tag No.	T-6002 MHC Date 14.09	14.09.2021
P.O. No. 4100	P.O. No. 4100013805 Dt. 14.05.21	Eqpt. Name	KETENE CATCH POT	POT			Drg. No	AE/21/05/T/424 Rev-02	
Part	Description	Material	rial	Size/Rat	Size/Rating/Thk	Mfg./	\. \.	Test Certificate	
No	reactibrium	Specified	Used	Specified	Used	Lab	ID No.	Lab TC / MTC. No	Date
2, 2,	Main Shell, Dish End (Top & Bot.), Lug Support Pads, RF Pads For N2, N3 & N4, RF	CA 240 PWDE 24CI	1/76 HUWDOR AO	נ	Ē	ISL	11901785/	JSL-7011/QA/2019- 20/DOM/00596393	04.06.19
26 Pad Fo	Pad For Lifting LugsName Plate Bracket, Backing Strip.	36.240 11FE 310L	3A 4401 IFE 310E	AIII c	S I IIK	IMI	A0-1612	G7438 (IGC Pr. E)	18.06.19
26, Insulat 18,23 Stiffner	Insulation Cleats, Stiffners for Nozzles.	SA 240 TYPE 316L	SA 240 TYPE 316L	5Thk	5 Thk	TSÍ	12101700/ AO - 1674	JSL-7011/QA/2021- 22/DOM/00968629	22.05.21
	7,000 (100)					JIMIL		L1594	22 05 21
03,28 Limpet	Limpet Coil, Name Plate Bracket	SA 240 TYPE 304	SA 240TYPE 304	3 Thk	3 Thk	JSL	12101816/ A0-1675		25.05.21
Nozzle	Nozzle Pipes & Dip Pipe								17:00:01
19 N6A/B	N6A/B – 25 NB	SA 312 TP 316L	SA 312 TP 316L	Sch 40S	Sch 40S	Venus	A0-2346	VPT/MTC/20/1394	01.12.20
16 N1-50 NB	0 NB	SA 312 TP 316L	SA 312 TP 316L	Sch 40S	Sch 40S	Venus	A0-2356	VPT/MTC/21/84	13.01.21
	0 NB	SA 312 TP 316L	SA 312 TP 316L	Sch 40S	Sch 40S	SCODA	A0-2340	QA-07-176/02	17.07.20
	N2,N3,N4 – 80 NB	SA 312 TP 316L		Sch 40S	Sch 40S	JML	A0-2337	1926740	07.12.19
$\neg$	N9,N10 – 25 NB	SA 312 TP 304	SA 312 TP 304L	Sch 40S	Sch 40S	GEOCHEM	AO-2292A	MLD/16/12/10095	12.01.17
21 N7,N8	N7,N8 – 50 NB	SA 312 TP 304	SA 312 TP 304	Sch 40S	Sch 40S	SCODA	A0-2342	QA-07-176/03	17.07.20
	Nozzle Flanges(SORF)								
20 N6A/B	N6A/B - 25 NB (WNRF)	SA 182 F 316L	SA 182 F 316L	120#	150#	GOOD LUCK	GB1011A	GLECO/J-708/1739 Rev.1	14.04.16
17 N1 - 50 NB	0 NB	SA 182 F 316L	SA 182 F 316L	150#	150#		S-22418		
_	0 NB	SA 182 F 316L	SA 182 F 316L	150#	150#	BEW	20L1216	BEW/TC/200940225	10.12.20
寸	N2,N3,N4 – 80 NB	SA 182 F 316L	SA 182 F 316L	150#	150#		S-22635		
T	N9,N10 - 25 NB	SA 182 F 304	SA 182 F 304	150#	150#	DE14/	A-2042	755010006/201/MM	10 13 10
	N7,N8 - 50 NB	SA 182 F 304	SA 182 F 304	150#	150#	DEVV	A-2042	BEW/10/20094022/	10.12.20
33 NS-50	NS – 50 NB BLRF	SA 182 F 316L	SA 182 F 316L	150#	150#	RIC	C-1002	RIC/SM/21-22/0250	22.07.21
14 N4-8(	N4 – 80 NB BLRF	SA 182 F 316L	SA 182 F 316L	150#	150#	JML IML	C-1028	2114559 2114560	09.08.21
CS Fas	160								
15 Studs	JGINE	A193 Gr. B7	A193 Gr. B7			QE	0-986	, 324-1	27.07.21
Nuts		A194 Gr. 2H	A194 Gr. 2H			QE	066-0	`\	27.07.21
	Allied Engineets (, O, C, O	CLIENT: M/s. LAXMI	AXMI ORGANICS INDUSTRIES LTD	USTRIES LT	ת סו	TPI: M/s. TUV NORD (INDIA)	ORD (INDIA)	O tour Marcon Control (O)	
Sign & Seal	Sign & Seal							A CONTRACTOR OF THE PARTY OF TH	Servi
Name	Mr. Pankaj Toshniwal/ Harshad Ingle.	Mr.			2	<u>-</u>		( Thoughast	238
(1915/19/19/19/19/19/19/19/19/19/19/19/19/19/	।सारा सारा क्षांकाको (का का क	71.07181181181181181181181181181181181181181	8/14/14/14/14/14/14/14/14/14/14/14/14/14/	10/10/10/10/10/10/10/	15/15/15/16/16/15/15/	1271271271271271271271271271271271271	21/21/21/21/21/21/21/21/21/21/21/2	Ala In	100000000000000000000000000000000000000