

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमंडल, औरंगाबाद

Email ID:- eerwdaurangabad1@gmail.com

Mob:- 8986915333

पत्रांक... 4775/2020 औरंगाबाद/दिनांक... 23/11/2020

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

सेवा में,

नोडल पदाधिकारी (MR 3054)
ग्रामीण कार्य विभाग
पटना, बिहार

विषय :- नई अनुरक्षण नीति-2018MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के विरुद्ध आवंटन उपलब्ध कराने के संबंध में।

महाशय,

उपरोक्त विषय के संबंध में सूचित करना है कि नई अनुरक्षण नीति-2018 MR (3054) योजना के अंतर्गत पथ में कराये गये कार्य के लिए संवेदक को भुगतान करने हेतु अध्याचना विहित प्रपत्र में भरकर आवश्यक कार्यवाही हेतु समर्पित की जाती है।

अनु :- यथोक्त।

विश्वास भाजन

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, औरंगाबाद

(HARD)
23/11/20

OFFICE OF EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORKS DIVISION, Aurangabad

Requisition Format for Scheme Head- MR(3054) under Bihar Rural Road Maintenance Policy-2018 (Initial Rectification and Surface Renewal)

Name of Works Division:- Aurangabad

Sl no.	Package No	Name of Road	Project ID as per MIS	Administrative Approval (AA) Letter No & Date	Administrative		Agreement Amount		Agreement No& Date	Date of Completion as per Agreement	Actual Date of Completion	Value of IRI (In mm/km)	Thickness of Bitumen Layer (In mm)	Value of Bitumen Content in Percentage	Previous Total Alloted Amount (In Lakh)	up-to-date expenditure as per MIS (In Lakh)	Requisition against work done (In Lakh)	Remarks
					Length (In km)	Amount of (In Lakh)	Initial Rectification with Surface Renewal (In Lakh)	5 Year Routine Maintenance (In Lakh)										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	RM/AU/AUR/19/0036	Manjhiyawa Jsoiya Via Ankorha Railway Station road	10602901065	3140/22.07.2019	7.4	274.03	175.78	70.63	08.02.2020 68MBD-2019-20	07.11.2020	20.11.20	2574	25.00MM	5.077%	0.00000	0.00000	175.78	Comp.
TOTAL																	175.78	

Divisional Accounts Officer
Rural Works Department, works Division,
Aurangabad

Executive Engineer
Rural Works Department
Works Division, Aurangabad

(HARD)
23/11/20

Const Of Road Form Manjhiyawa Jsoiya Via Ankorha Railway Station raad

Date	Time	Section	Length	Bumps	Speed	OR		CATEGORY	IRI	Latitude	Longitude	Event
		No.	in km	in mm	Rate	mm/km	UIV	ROAD				
20/11/20	13:14:25	92	0.1	230	30.3	2300	2745	G	3.72	24.766992	84.132153	Normal
20/11/20	13:14:3	92	0.1	200	30.3	2000	2404	G	3.3	24.766993	84.132153	Normal
20/11/20	13:14:3	92	0.1	220	10.1	2200	2631	G	3.58	24.76668	84.13308	Normal
20/11/20	13:14:38	92	0.1	190	30.3	1900	2290	G	3.16	24.766357	84.134023	Normal
20/11/20	13:14:38	92	0.1	200	30.3	2000	2404	G	3.3	24.766025	84.13502	Normal
20/11/20	13:15:0	92	0.1	220	30.3	2200	2631	G	3.58	24.765732	84.135942	Normal
20/11/20	13:15:13	92	0.1	170	30.3	1700	2063	G	2.88	24.765432	84.136852	Normal
20/11/20	13:15:13	92	0.1	190	30.3	1900	2290	G	3.16	24.765118	84.137845	Normal
20/11/20	13:15:13	92	0.1	220	30.3	2200	2631	G	3.58	24.764822	84.138803	Normal
20/11/20	13:15:49	92	0.1	190	30.3	1900	2290	G	3.16	24.764535	84.139797	Normal
20/11/20	13:16:0	92	0.1	180	30.3	1800	2177	G	3.02	24.76429	84.14069	Normal
20/11/20	13:16:0	92	0.1	160	30.3	1600	1950	G	2.74	24.764008	84.14168	Normal
20/11/20	13:16:0	92	0.1	160	30.3	1600	1950	G	2.74	24.763752	84.142608	Normal
20/11/20	13:16:24	92	0.1	160	30.3	1600	1950	G	2.74	24.763462	84.143618	Normal
20/11/20	13:16:24	92	0.1	170	20.2	1700	2063	G	2.88	24.763177	84.144628	Normal
20/11/20	13:17:0	92	0.1	310	10.1	3100	3654	G	3.8	24.762897	84.145555	Normal
20/11/20	13:17:0	92	0.1	200	30.3	2000	2404	G	3.3	24.762623	84.146515	Normal
20/11/20	13:17:34	92	0.1	220	10.1	2200	2631	G	3.58	24.762343	84.147525	Normal
20/11/20	13:17:34	92	0.1	170	20.2	1700	2063	G	2.88	24.76208	84.14843	Normal
20/11/20	13:18:10	92	0.1	250	20.2	2500	2972	G	3.99	24.761775	84.14946	Normal
20/11/20	13:18:10	92	0.1	190	20.2	1900	2290	G	3.16	24.761537	84.150337	Normal
20/11/20	13:18:10	92	0.1	200	30.3	2000	2404	G	3.3	24.76126	84.151278	Normal
20/11/20	13:18:45	92	0.1	160	30.3	1600	1950	G	2.74	24.760965	84.152305	Normal
20/11/20	13:18:45	92	0.1	150	30.3	1500	1836	G	2.6	24.760703	84.153248	Normal
20/11/20	13:19:0	92	0.1	170	30.3	1700	2063	G	2.88	24.76043	84.154192	Normal
20/11/20	13:19:0	92	0.1	170	30.3	1700	2063	G	2.88	24.760132	84.155202	Normal
20/11/20	13:19:20	92	0.1	270	30.3	2700	3199	G	3.26	24.75986	84.156178	Normal
20/11/20	13:19:56	92	0.1	260	10.1	2600	3086	G	3.13	24.759587	84.157137	Normal
20/11/20	13:20:0	92	0.1	220	20.2	2200	2631	G	3.58	24.759325	84.15808	Normal
20/11/20	13:20:0	92	0.1	190	30.3	1900	2290	G	3.16	24.759047	84.159057	Normal
20/11/20	13:20:31	92	0.1	190	30.3	1900	2290	G	3.16	24.758768	84.16003	Normal
20/11/20	13:20:31	92	0.1	210	30.3	2100	2518	G	3.44	24.75851	84.160925	Normal
20/11/20	13:20:31	92	0.1	220	30.3	2200	2631	G	3.58	24.75823	84.161902	Normal
20/11/20	13:21:6	92	0.1	200	30.3	2000	2404	G	3.3	24.75795	84.162895	Normal
20/11/20	13:21:6	92	0.1	240	30.3	2400	2858	G	3.85	24.757673	84.163855	Normal
20/11/20	13:21:41	92	0.1	260	10.1	2600	3086	G	2.13	24.75738	84.164915	Speed Breaker
20/11/20	13:22:0	92	0.1	200	30.3	2000	2404	G	3.3	24.757102	84.165875	Speed Breaker
20/11/20	13:22:52	92	0.1	290	10.1	2900	3426	G	3.53	24.756823	84.16682	Speed Breaker

$$Y = 0 * X^2 + 1.136 * X + 132.5$$

$$X = 2150$$

$$Y = 2574$$

(R) RURAL ROAD

Good Average Poor

Signature
20/11/20
A.E

Signature
20/11/20
A.E

Signature
20/11/20

20/11/20	13:23:0	92	0.1	290	10.1	2900	3426	G	2.23	24.756677	84.16776	Normal
20/11/20	13:23:27	92	0.1	200	20.2	2000	2404	G	3.3	24.757378	84.16843	Normal
20/11/20	13:24:3	92	0.1	170	10.1	1700	2063	G	2.88	24.758092	84.169007	Normal
20/11/20	13:24:3	92	0.1	290	10.1	2900	3426	G	3.2	24.758363	84.169797	Normal
20/11/20	13:24:38	92	0.1	250	20.2	2500	2972	G	3.99	24.758088	84.170773	Normal
20/11/20	13:25:0	92	0.1	230	20.2	2300	2745	G	3.72	24.75776	84.17172	Normal
20/11/20	13:25:13	92	0.1	200	30.3	2000	2404	G	3.3	24.757432	84.172642	Normal
20/11/20	13:25:13	92	0.1	280	10.1	2800	3313	G	3.4	24.756898	84.173502	Normal
20/11/20	13:25:48	92	0.1	230	20.2	2300	2745	G	3.72	24.756578	84.17446	Normal
20/11/20	13:26:0	92	0.1	200	30.3	2000	2404	G	3.3	24.7563	84.17537	Normal
20/11/20	13:26:0	92	0.1	210	30.3	2100	2518	G	3.44	24.756128	84.176347	Normal
20/11/20	13:26:24	92	0.1	180	30.3	1800	2177	G	3.02	24.755932	84.17734	Normal
20/11/20	13:26:24	92	0.1	200	20.2	2000	2404	G	3.3	24.755187	84.177542	Normal
20/11/20	13:26:24	92	0.1	160	30.3	1600	1950	G	2.74	24.754298	84.177288	Normal
20/11/20	13:27:0	92	0.1	160	30.3	1600	1950	G	2.74	24.753397	84.177357	Normal
20/11/20	13:27:0	92	0.1	160	30.3	1600	1950	G	2.74	24.752568	84.177677	Normal
20/11/20	13:27:0	92	0.1	140	30.3	1400	1722	G	2.45	24.751707	84.177357	Normal
20/11/20	13:27:34	92	0.1	200	20.2	2000	2404	G	3.3	24.750742	84.177357	Normal
20/11/20	13:27:34	92	0.1	220	30.3	2200	2631	G	3.58	24.750337	84.178265	Normal
20/11/20	13:28:0	92	0.1	290	30.3	2900	3426	G	3.53	24.749702	84.178938	Normal
20/11/20	13:28:9	92	0.1	280	30.3	2800	3313	G	3.24	24.741318	84.179763	Normal
20/11/20	13:52:0	92	0.1	250	20.2	2500	2972	G	3.99	24.779398	84.201497	Normal
20/11/20	13:52:0	92	0.1	200	10.1	2000	2404	G	3.3	24.7791	84.20249	Normal
20/11/20	13:52:30	92	0.1	260	10.1	2600	3086	G	3.13	24.779162	84.20347	Normal
20/11/20	13:53:5	92	0.1	210	20.2	2100	2518	G	3.44	24.77947	84.20436	Normal
20/11/20	13:53:5	92	0.1	200	20.2	2000	2404	G	3.3	24.779857	84.205353	Normal
20/11/20	13:53:5	92	0.1	250	20.2	2500	2972	G	3.99	24.776618	84.20569	Normal
20/11/20	13:53:41	92	0.1	190	20.2	1900	2290	G	3.16	24.781185	84.206532	Speed Breaker
20/11/20	13:54:16	92	0.1	320	10.1	3200	3767	G	3.93	24.781008	84.207407	Speed Breaker
20/11/20	13:54:16	92	0.1	270	20.2	2700	3199	G	3.26	24.769255	84.208265	Normal
20/11/20	13:55:0	92	0.1	310	10.1	3100	3654	G	3.8	24.781195	84.208955	Normal
20/11/20	13:55:0	92	0.1	240	20.2	2400	2858	G	3.85	24.768678	84.209628	Speed Breaker
20/11/20	13:55:27	92	0.1	280	10.1	2800	3313	G	3.4	24.768577	84.210353	Normal
20/11/20	13:56:0	92	0.1	200	20.2	2000	2404	G	3.3	24.782988	84.211127	Normal
20/11/20	13:56:2	92	0.1	160	30.3	1600	1950	G	2.74	24.783765	84.210875	Speed Breaker
20/11/20	13:56:37	92	0.1	230	20.2	2300	2745	G	3.72	24.784452	84.210437	Normal

Total Length

7.4

J.E
20/11/20

A.E
20/11/20

E"E
23/11/2020

Name of Customer : SHARWAN AND SUNNY CON
Name of Work/ Road : Manjhiyawa Jsoiya Via Ankorh
Lab Job number : 92
Date : 20-11-2020
Section No. : 92

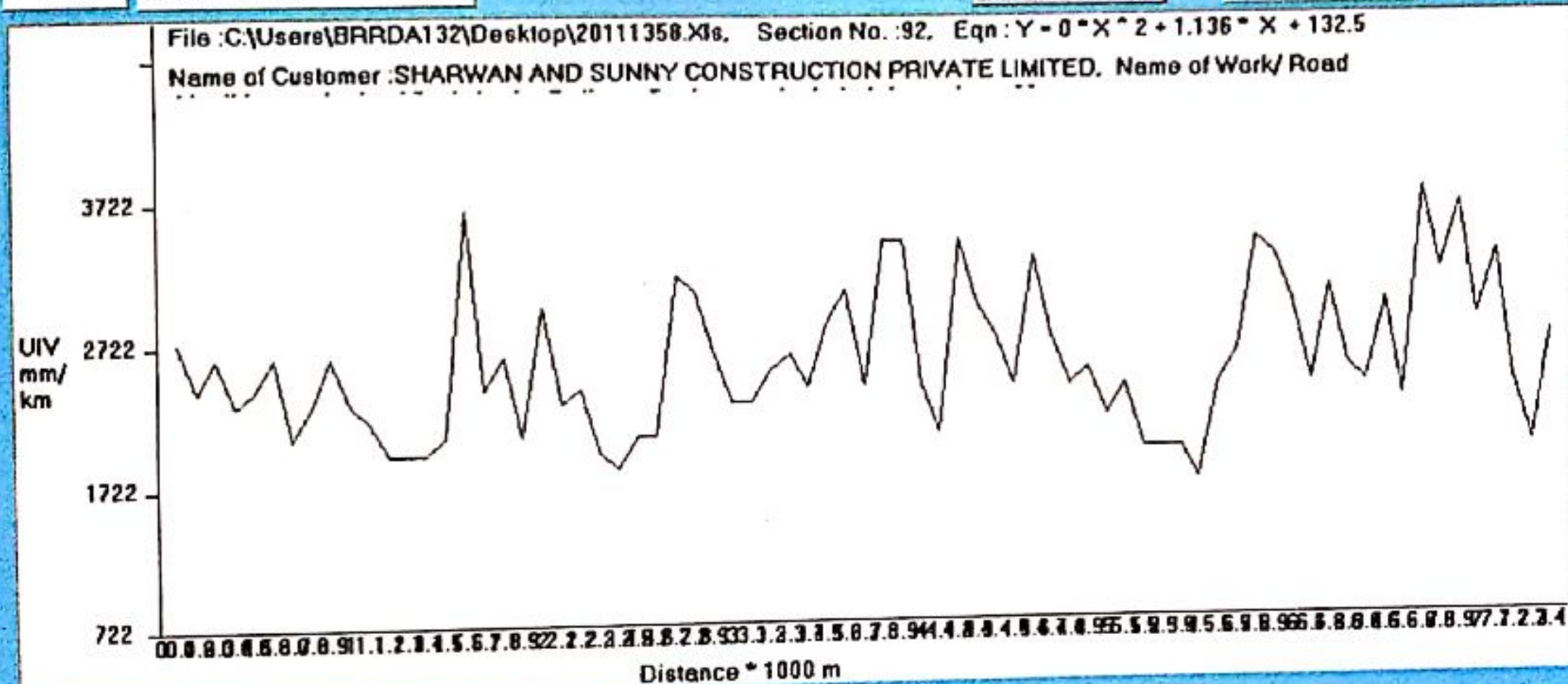
Test Date : 20-11-2020 Road Name : Manjhiyawa Jsoiya Via Ankorh
Machine No : 377 Road Type : (R) RURAL ROAD
Start S No : 939 Side : Nabinagar
Start E No : 1062 Interval
Weather : Normal UIV Range : 722 To 5000 1000 mm/km
Start Location : 24.766992,84.1 Dist Range : 0 To 7.5 0.1 * 1000 m
End Location : 24.784452,84.2 Equation : $Y = 0 * X^2 + 1.136 * X + 132.5$

Print

Generate Report and Graph

Redraw Graph

Map View



20/11/2020
J.E

20/11/20
A.E

23/11/2021

**REPORT ON
BITUMEN CONTENT TEST
FOR THE PROPOSED
C/O**

**MANJHIYAWA JSOIYA VIA ANKHORHA RAILWAY STATION
ROAD UNDER SCHEME MR 3054
AGREEMENT NO -68MBD/2019-20**

**SUBMITTED TO:
EXECUTIVE ENGINEER
RWD. WORKS DIVISION, AURANGABAD**

**AGENCY NAME :
SHARWAN & SANNY CONST. PVT LTD
JASOIYA MISIR BIGHA AURANGABD BIHAR**

**TESTING BY :
OM SAI TESTING AND RESEARCH
LABORATORY**

**2nd Floor Maheswari Complex Fraser Road Patna
PIN CODE 800001**

DR
20/11/2020
J-E

OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

BITUMEN CONTENT TEST OF EMI-DENSE BITUMINOUS CONCRETE

Ref.....MANJHIYAWA JSOIYA VIA ANKHORHA RAILWAY
Name of STATION ROAD UNDER SCHEME MR 3054
Road :

Date
TYPE OF MATERIAL :SEMI-DENSE
BITUMINOUS CONCRETE

DATE OF COLLECTION 8-Nov-20

DATE OF TESTING 11-Nov-20

SAMPLE NC 1,2,3

Chainage & Section:		0+850 KM	2+575 KM	3+850 KM
S.NO.	Observations	1	2	3
1	Wt. of Mix taken before extration	500	500	500
2	Wt. of filter paper before extration	5.99	5.895	6.05
3	Wt. of Mix after extration	472.21	472.86	471.58
4	Wt. of filter paper after extration	6.95	7.25	7.15
5	Wt. of filler collected from extract after allowing for seting	1.25	1.22	1.305
6	Wt. of filler collected in filter paper	0.965	1.355	1.1
7	Wt. of Aggregate + Filler collected after extration	474.425	475.435	474.0
8	Percantage of Bitumen (in the Mix) $\frac{(A-G) \times 100}{A}$	5.12	4.913	5.20
LAYER		Value		
SEMI-DENSE BITUMINOUS CONCRETE		Avg. Value	5.077%	

Checked By

Tested By



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

TEST RESULTS OF SEMI-DENSE BITUMINOUS CONCRETE FLAKINESS INDEX

Ref.....

FLAKINESS INDEX

Date

NAME OF ROAD MANJHIYAWA JSOIYA VIA ANKHORHA RAILWAY STATION UNDER SCHEME MR
3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

10-11-2020

Weight of Sample(gr) - 461GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	46	6.75	0
2	10	6.3	415	4.89	35
Total (gm)			W= 461 F.I.= 7.59	W= 35	

ELONGATION INDEX

NAME OF ROAD MANJHIYAWA JSOIYA VIA ANKHORHA RAILWAY STATION UNDER SCHEME MR
3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

10-11-2020

Weight of Sample(gr) - 448 GM

Sno	Passing through IS Sieve (mm)	Retained on IS sieve (mm)	Wt. of the fraction of at least 200 pieces (gm)	Thickness gauge size (mm)	Wt. of aggregate in each fraction passing thickness gauge (gm)
1	2	3	4	5	6
1	12.5	10	40	20.50	0
2	10	6.3	408	14.70	31
Total (gm)			W= 448 F.I.= 6.92	F.I.+E.I.= 7.59+9.92 14.51	

Checked By

Tested By



OM SAI TESTING AND RESEARCH LABORATORY

2nd floor maheswari complex fraser road patna

PIN CODE 800001

Ref.....

Date

TEST RESULTS OF GRADATION FOR SEMI-DENSE BITUMINOUS CONCRETE

NAME OF ROAD MANJHIYAWA JSOIYA VIA ANKHORHA RAILWAY STATION UNDER SCHEME
MR 3054

Type Of Material

SEMI-DENSE BITUMINOUS CONCRETE

Date Of Test

10-11-2020

Weight of Sample - 4571 GM

I.S Seive Designation	Weight of Sample Retained (gm.)	% of Weight Retained	Cummulative % of Weight Retained	% of Weight Passing	Spec.Limits Vide Table 500.15 MORTH Specification
13.2mm	0	0	0	100	100
9.5mm	263	5.75	5.75	94.25	90-100
4.75mm	2144	46.9	52.65	47.35	35-51
2.36mm	912	19.95	72.6	27.4	24-39
1.18mm	256	5.61	78.21	21.49	15-30
0.300mm	326	7.14	85.35	14.65	9-19.
0.075mm	558	9.53	94.88	5.12	3-8.
In Pan	112	5.12	100	0.0	-

Checked By
22/11/2020

Tested By

