



PANCHSHEEL FASTENERS

(AN ISO 9001:2015
CERTIFIED COMPANY)

PF/RF/QA/06-01

MASTER LIST OF INSPECTION AND MEASURING INSTRUMENTS

PFL PANCHSHEEL FASTENERS			MASTER LIST OF INSPECTION AND MEASURING INSTRUMENTS							CODE NO:- PF/RF/QA/06-01
Sr. No.	Name Of Equipments	Instrument Code	Serial Code	Range	Least Count	Make	Location Where Used	Date Of Calibration	Due Date Of Calibration	Status
1	Digital Coating Meter	CTC-01	...	0-500 μ	1 μ	Yututsu	Lab	17.06.2025	16.06.2026	Ok
2	Measuring Tape	MT-01	...	0-5000mm	1mm	Freemans	Lab	17.06.2025	16.06.2026	Ok
3	Digital Height Gauge	DHG-01	...	0-300mm	0.01 mm	Baker	-	17.06.2025	16.06.2026	Ok
4	Vernier Caliper- Dig	DVC-01	...	0-300mm	0.01 mm	INSIZE	-	17.06.2025	16.06.2026	Ok
5	Vernier Caliper- Dig	DVC-02	...	0-200mm	0.01 mm	INSIZE	-	17.06.2025	16.06.2026	Ok
6	Vernier Caliper- Dig	DVC-03	...	0-200mm	0.01 mm	INSIZE	-	17.06.2025	16.06.2026	Ok
7	Vernier Caliper- Dig	DVC-04	...	0-200mm	0.01 mm	INSIZE	-	17.06.2025	16.06.2026	Ok
8	Vernier Caliper- Dig	DVC-05	...	0-200mm	0.01 mm	INSIZE	-	17.06.2025	16.06.2026	Ok
9	Vernier Caliper- Dig	DVC-06	...	0-200mm	0.01 mm	INSIZE	-	17.06.2025	16.06.2026	Ok
10	Vernier Caliper- Dig	DVC-07	...	0-200mm	0.01	INSIZE	-	17.06.2025	16.06.2026	Ok





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					mm					
11	Vernier Caliper- Dig	DVC-08	...	0-200mm	0.01 mm	INSIZE	-	17.06.2025	16.06.2026	Ok
12	Micrometer	MM-01 A	...	0-25mm	0.01mm	Baker	-	17.06.2025	16.06.2026	Ok
13	Micrometer	MM-02	...	25-50mm	0.01mm	Baker	-	17.06.2025	16.06.2026	Ok
14	Thread Ring Guage	RG-01	...	M12x1.75-6g	N.a	Size control	C/F Inspection	17.06.2025	16.06.2026	Ok
15	Thread Ring Guage	RG-02	...	M16x2-6g	N.a	Size control	C/F Inspection	17.06.2025	16.06.2026	Ok
16	Thread Ring Guage	RG-03	...	M20x2.5-6g	N.a	Size control	C/F Inspection	17.06.2025	16.06.2026	Ok
17	Thread Ring Guage	RG-03 A	...	M22x2.5-6g	N.a	Size control	C/F Inspection	17.06.2025	16.06.2026	Ok
18	Thread Ring Guage	RG-04	...	M24x3-6g	N.a	Size control	C/F Inspection	17.06.2025	16.06.2026	Ok
19	Thread Ring Guage	RG-05	...	M27x3-6g	N.a	Size control	H/F Inspection	17.06.2025	16.06.2026	Ok
20	Thread Ring Guage	RG-06	...	M30x3.5-6g	N.a	Size control	H/F Inspection	17.06.2025	16.06.2026	Ok
21	Thread Ring Guage	RG-07	...	M33x3.5-6g	N.a	Size control	H/F Inspection	17.06.2025	16.06.2026	Ok
22	Thread Ring Guage	RG-08	...	M36x4-6g	N.a	Size control	H/F Inspection	17.06.2025	16.06.2026	Ok
23	Thread Ring Guage	RG-09	...	M39x4-6g	N.a	Size control	H/F Inspection	17.06.2025	16.06.2026	Ok





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24	Thread Ring Guage	RG-10	...	1"x8 UNC - 2A	N.a	Size control	H/F Inspection	17.06.2025	16.06.2026	Ok
25	Thread Ring Guage	RG-11	...	1"x8 UNC - 2A	N.a	Size control	H/F Inspection	17.06.2025	16.06.2026	Ok
26	Thread Ring Guage	RG-12	...	1/2" x 13 UNC - 2 A	N.a	Size control	H/F Inspection	17.06.2025	16.06.2026	Ok
27	Thread Plug Guage	PG-01	...	M12x1.75-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
28	Thread Plug Guage	PG-02	...	M16x2-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
29	Thread Plug Guage	PG-03	...	M20x2.5-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
30	Thread Plug Guage	PG-04	...	M22x2.5-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
31	Thread Plug Guage	PG-05	...	M24x3-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
32	Thread Plug Guage	PG-06	...	M27x3-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
33	Thread Plug Guage	PG-07	...	M30x3.5-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
34	Thread Plug Guage	PG-08	...	M33x3.5-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
35	Thread Plug Guage	PG-09	...	M36x4-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
36	Thread Plug Guage	PG-10	...	M39x4-6H	N.a	Size control	Lab	17.06.2025	16.06.2026	Ok
37	Rockwell Hardness Tester	HR-01	2013/373	250 Kgf	N.a	Fine	Lab	17.06.2025	16.06.2026	Ok
38	Rockwell Hardness Tester	HR-02	2018/1169	150 Kgf	N.a	Fine	Heat Treatment	17.06.2025	16.06.2026	Ok
39	Metallurgical Microscopre	MM-01	9E+05	100x-800x	-	Yucon	Lab	17.06.2025	16.06.2026	Ok
40	Profile Projector	PP-01	EDH01044	N.a	N.a	Paraka Vision	Lab	17.06.2025	16.06.2026	Ok





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41	Magnetic Particle Testing Machine	MF-01	-	0-2000 Amp	-	Vinze	Lab	17.06.2025	16.06.2026	Ok
42	Temp. Controller Thermocouple	DF-01	...	Minus 50°C to 50°C	N.a	N.a	Lab (Impact)	17.06.2025	16.06.2026	Ok
43	Temp. Controller Thermocouple	HD-01 TC-02	...	0-1000°C	N.a	N.a	Hot Dip Bath	17.06.2025	16.06.2026	Ok
44	Torque Wrench	TW-01	R-89	25-135 Nm	N.a	Griphold	Lab	17.06.2025	16.06.2026	Ok
45	Torque Wrench	TW-02	IS-68	135-675 Nm	N.a	Griphold	Lab	17.06.2025	16.06.2026	Ok
46	Torque Wrench	TW-03	R-13	540-1380 Nm	N.a	Griphold	Lab	17.06.2025	16.06.2026	Ok
47	Torque Wrench	TW-04	GTW-2000R	1350-2700 Nm	N.a	Griphold	Lab	17.06.2025	16.06.2026	Ok
48	Temp. Controller Thermocouple	GCF-01	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
49	Temp. Controller Thermocouple	GCF-02	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
50	Temp. Controller Thermocouple	SH-01	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
51	Temp. Controller Thermocouple	SH-02	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
52	Temp. Controller Thermocouple	SH-03	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
53	Temp. Controller Thermocouple	SH-04	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
54	Temp. Controller Thermocouple	RF-01	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok





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55	Temp. Controller Thermocouple	RF-02	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
56	Temp. Controller Thermocouple	RF-03	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
57	Temp. Controller Thermocouple	TF-01	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
58	Temp. Controller Thermocouple	TF-02	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
59	Temp. Controller Thermocouple	TF-03	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
60	Temp. Controller Thermocouple	TF-04	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
61	Temp. Controller Thermocouple	TF-05	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
62	Temp. Controller Thermocouple	TF-06	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
63	Temp. Controller Thermocouple	TF-07	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
64	Temp. Controller Thermocouple	TF-08	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
65	Temp. Controller Thermocouple	AF-01	...	0-1000°C	N.a	N.a	H/T	17.06.2025	16.06.2026	Ok
66	Hydrometer	HDM-01	...	1-2 Sp. Gravity	0.01 Gravity	Labware	Lab	17.06.2025	16.06.2026	Ok





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67	Pitch Gauge	PG-01	...	1.75P to 5 P	N.a	N.a	Lab	17.06.2025	16.06.2026	Ok
68	Universal Testing M/C	UT-01	155/2009/010	0-600 KN	1 KN	Akash Industries	Lab	29.11.2025	28.11.2026	Ok
69	Proof Load M/C	PL-01	434.11.12	0-2000 KN	1 KN	Brite Engg.	Lab	29.11.2025	28.11.2026	Ok
70	Spectrometer	SP-01	1603S007	...	N.a	Matel Power	Spectro Lab	10.07.2025	09.07.2026	Ok
71	Impact Testing	IT-01	109/2010/11	0-300 Charpy 0-168 IZOD	2J	Akash Industries	Lab	19.12.2024	19.12.2026	Ok
72	Torque Tension Machine (Suitability)	TT-01	...	5000 Nm	1 Nm	Sushma Industries	Lab	25.08.2025	24.08.2026	Ok
73	Vicker Hardness	HV-01	111/02/20	HV 5 to HV 30	-	Testwin Ind	Lab	27.06.2025	26.06.2026	Ok

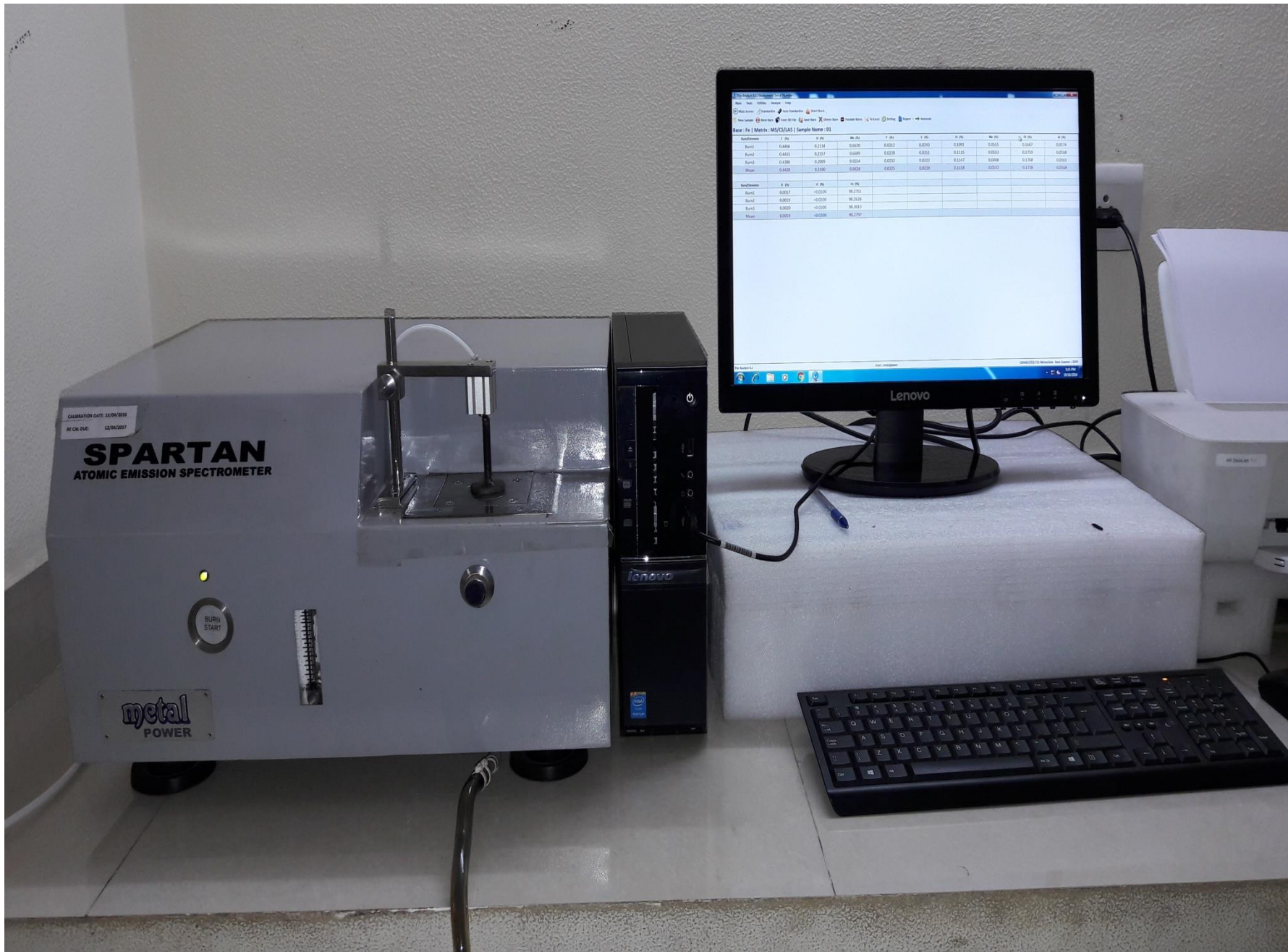


TESTING LABS



INFRASTRUCTURE





CALIBRATION DATE: 11/04/2016
#8 CAL DUE: 12/04/2017

SPARTAN

ATOMIC EMISSION SPECTROMETER

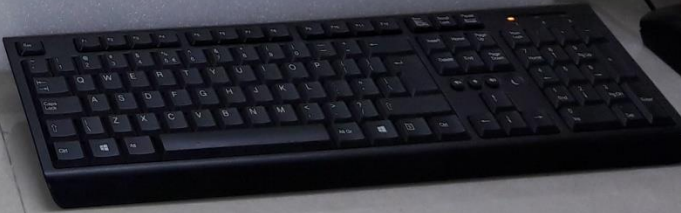
START

metal
POWER

Base: Fe | Matrix: METALS | Sample Name: 01

StdName	F IN	F OUT	Wt. IN	Wt. OUT	F IN	F OUT	Wt. IN	Wt. OUT	F IN	F OUT
Std1	0.8465	0.2154	0.0070	0.0011	0.0091	0.0005	0.0005	0.0005	0.0007	0.0010
Std2	0.8421	0.2077	0.0069	0.0006	0.0091	0.0015	0.0005	0.0005	0.0009	0.0010
Std3	0.8386	0.2009	0.0064	0.0010	0.0091	0.0017	0.0009	0.0009	0.0009	0.0010
Mean	0.8428	0.2090	0.0078	0.0015	0.0091	0.0018	0.0010	0.0010	0.0010	0.0010

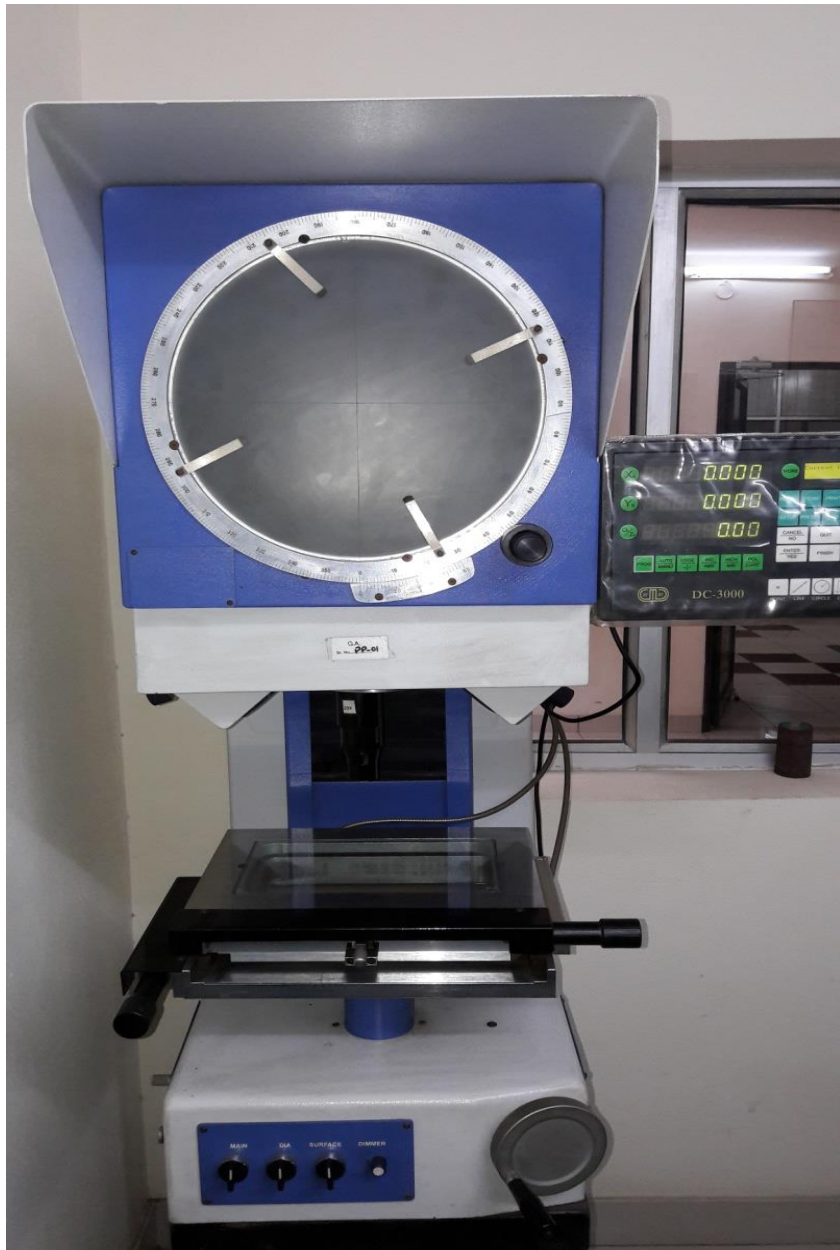
StdName	F IN	F OUT	Wt. IN	Wt. OUT
Std1	0.0017	-0.0010	98.7011	
Std2	0.0011	-0.0010	98.7009	
Std3	0.0010	-0.0010	98.7011	
Mean	0.0011	-0.0010	98.7011	



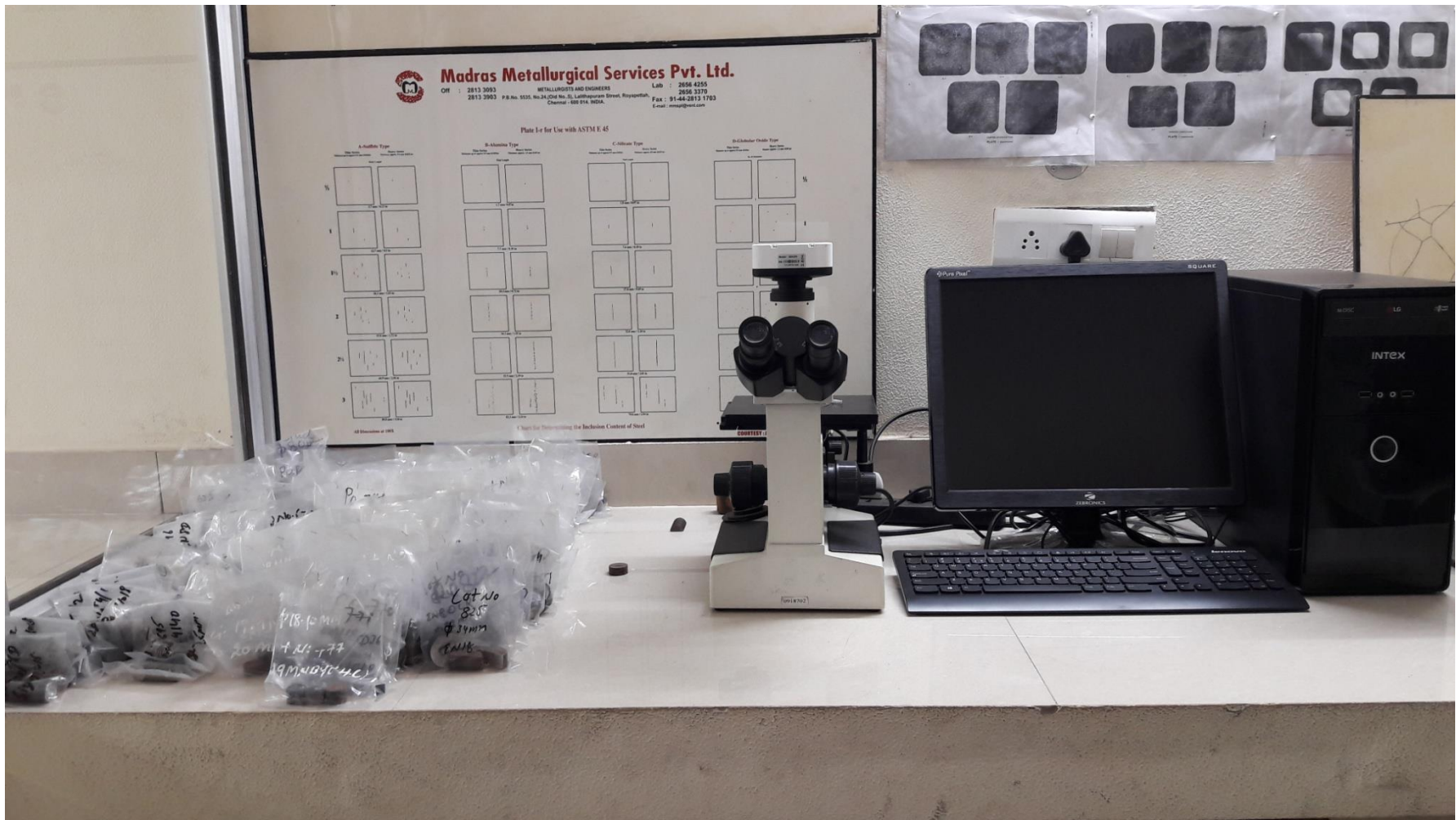












Madras Metallurgical Services Pvt. Ltd.

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Plate for Use with ASTM E 45

A-Quartz Type	B-Alumina Type	C-Calcium Type	D-Bi-Metallic Oxide Type

All Dimensions in µm. © Copyright for Determining the Inclusion Content of Steel

