

BEST Price-N-Performance Soldering Station



Integrated single piece Tip & Barrel fully encase Metallic Heating Element. This uniqueness results in high heat energy storage for faster heat transfer

Salient Features

- Power/Control unit has in-built following features:
 - Password protection
 - In-built temperature calibration
 - Sleep Timer for longer life
 - Error message indication
 - One touch temperature recalling
- Similar European Soldering Stations are 3 times costlier
- Reliable heating element does not require frequent changing
- Low running cost due to low priced/long life soldering tips
- Every spare part is available ex-stock to minimize down time.



Single Soldering Station suitable for Leadfree, SMD ICs, Solar Cells, LEDs and High Mass soldering jobs



High Mass Soldering



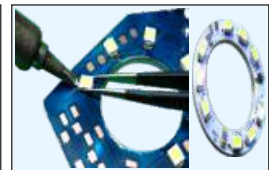
Fine pitch SMD Soldering



Thru-hole Soldering



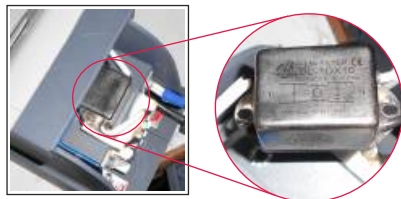
Solar Cell Soldering



SMD LED Soldering

Model DSSLF04HESD is a **Value-For-Money (VFM)** Soldering Station with intelligent features as supervisor can program two most commonly used production process temperatures for instant recalling during operation. He can also lock limits of temperature range (i.e if he sets mode 01 or 11 for upper temperature limit of 400°C, operator cannot solder beyond that temperature). It displays both SET temperature and ACTUAL temperatures simultaneously. It also has in-built digital temperature offset calibration feature to meet ISO 9000 requirements. Unique integrated design of Soldering Tip, Barrel and complete encasing of Metallic Heating Element, provides reliable soldering joints with higher production rate.

Main Power and Control Unit also has mains EMI & Surge Suppression Filter to suppress transients of mains power line.



Scope of Supply

- ESD Safe Main Power & Control Unit
- ESD Safe light weight Soldering Pencil fitted with 200G-2.4D Chisel 2.4mm Soldering Tip
- Combined Dry & Wet Tip Cleaner Support Rack

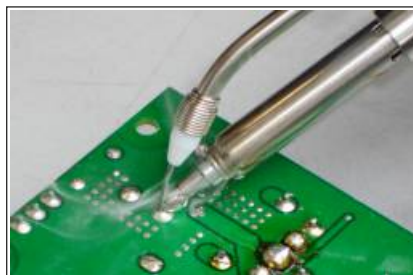
Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering/Desoldering/Hot Air Tips, Cleaning Sponges, Cleaning Brass Wool

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Versatile production horse for different soldering applications, low running cost

Add optional Auto Solder Wire Feeder to raise production rate & to avoid solder wire wastage



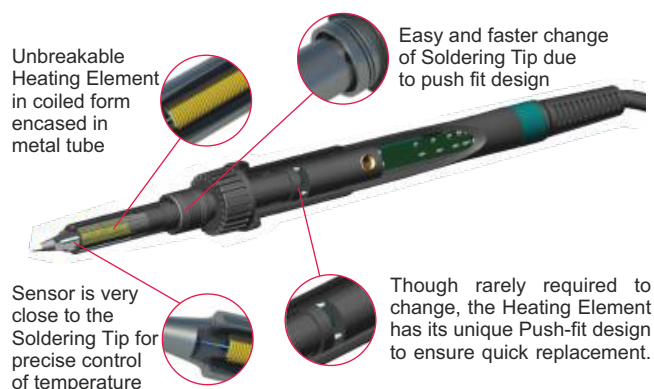
Today's highly competitive environment, always demand highest possible productivity of each operators as well saving every paisa. For such demanding requirements, the optionally available Auto Solder Feeder Model SFS81 with Digital Soldering Station DSSLF04HESD is the right choice. Besides increasing productivity of operator, it also provides consistent quality for each solder joint as same amount of solder wire with pre-programmed feeding is applied at optimized process temperature.

Solder Feeder and attachment for Soldering Pencil

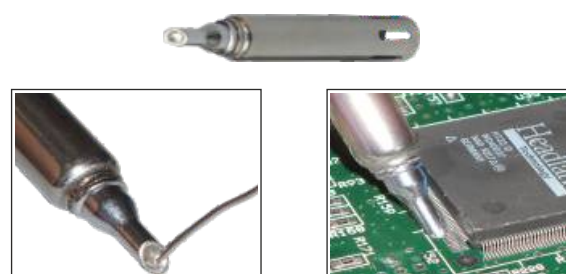


standard type is for 0.8mm dia Solder Wire. Also available for 0.6/0.8/1.0/1.2/1.4/1.6/1.8/2.0mm

Unbreakable long life Heating Element of Soldering Pencil



Unique Soldering Tip for soldering fine pitch large size SMD ICs



Specially designed 200G-CM SMD Soldering Tip has concave cavity to hold molten solder. It helps to solder one side of SMD IC completely in a single shot by dragging the soldering tip on the PCB pads without any bridge.

Specifications

- Power : 90 Watts
- Temperature Range : 100°C ~ 500°C
- Sleep Time (minutes) : 0~99 (adjustable)
- Temperature Stability : $\pm 2\%$ of final value
- Tip to Ground Potential : < 2 mV
- Tip to Ground Resistance : < 2 ohm

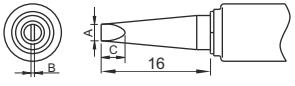
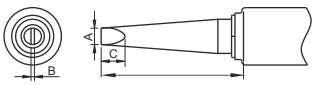
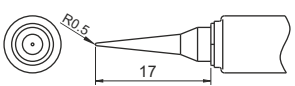
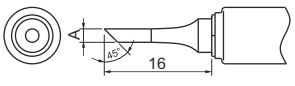
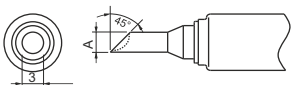
Features

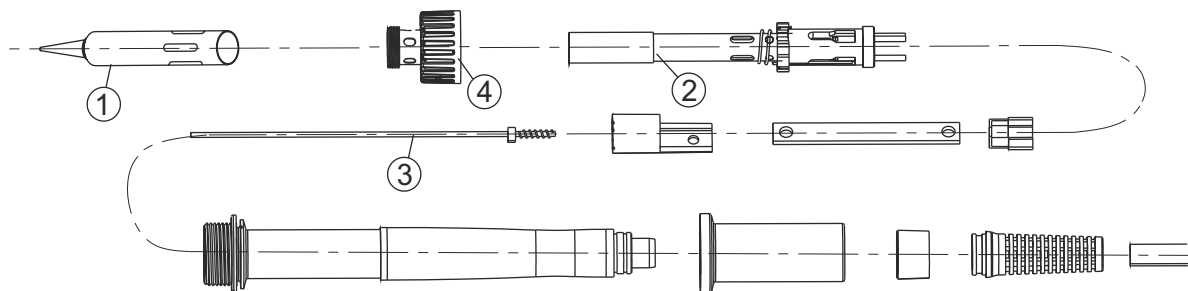
- It has a password locking function
- Push-button control with an auto-sleep function
- Various types of long life Soldering Tips available
- Lightweight and comfortable for fatigue-free working
- Real and fully electrostatic safe ESD design
- in-built calibration feature to meet ISO requirements

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Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering/Desoldering/Hot Air Tips, Cleaning Sponges, Cleaning Brass Wool and mechanically damaged parts. While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

Wide range of Soldering Tips are available for different soldering applications

Description	Diagram	Width A (mm)	Thickness B (mm)	Part Number
Chisel Tip		1.2	0.5	200G-1.2D
		2.4	0.5	200G-2.4D
		3.2	0.5	200G-3.2D
Long Chisel Tip		5.0	0.5	200G-5LD
Pointed Tip		Ø0.5	-	200G-B
Sloped Tip		Ø3	-	200G-3C
SMD Tip		2	-	200G-2CM

Assured availability (normally ex-stock) of Spare Parts for Soldering Pencil


S.No.	Description	Remarks
①	Soldering Tip	Replace if worn out
②	Heating Element	Replace if display shows H-E

S.No.	Description	Remarks
③	Sensor	Replace if display shows S-E
④	Nipple for Tip	Replace whenever required

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सत्यमेव जयते

परीक्षण / अंशांकन रिपोर्ट
TEST / CALIBRATION REPORT

संख्या / No.
ETDC (MH) T & M / 145 -

दिनांक
Dated 02 / 02 / 2015



भारत सरकार

Government of India

संचार एवं सूचना प्रौद्योगिकी मंत्रालय

Ministry of Communications and Information Technology

इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी विभाग

Department of Electronics and Information Technology

मानकीकरण, परीक्षण एवं गुणवत्ता प्रमाणन निदेशालय

Standardisation, Testing and Quality Certification Directorate

इलेक्ट्रॉनिकी परीक्षण तथा विकास केन्द्र

Electronics Test and Development Centre

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वेबसाइट/Web site: www.stqc.gov.in



ELECTRONICS TEST AND DEVELOPMENT CENTRE, MOHALI TEST REPORT

No. : ETDC(MH)/T&M/ 145	Dated : 02.02.2015	Page : 1 of 3
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1. Indentor

Inde Enterprises
745, Sector-8/B
Chandigarh



2. Description of sample(s)

- | | |
|---|--|
| <p>2.1 Nomenclature</p> <p>2.2 Make/Model</p> <p>2.3 Sr. No.</p> <p>2.4 Manufactured by</p> <p>2.5 Quantity</p> | <p>: Temperature Controlled Soldering Station With Digital Display</p> <p>: INDE/ DSSLF04H</p> <p>: DSSLF04H1408028</p> <p>: INDE</p> <p>: One</p> |
|---|--|

3. Sample(s) received on : 29.01.2015

4. Condition of sample(s) on receipt : Good.

5. Date(s)/Period item(s) tested : 29.01.2015 to 02.02.2015

6. Location where test(s) carried out (With name and address) : ETDC, Mohali.

7. Reference of test method(s) used : DGS&D & Indenter's

8. Applicable product specification(s) : DGS&D & Indenter's

9. Deviation(s), exclusion(s), addition(s) in test method(s) : Nil

10. Environmental conditions

- | | |
|--|--|
| <p>10.1 Temperature</p> <p>10.2 Humidity</p> | <p>: 25°C ± 10°C</p> <p>: 45 % to 70 %</p> |
|--|--|

11. Statement with regard to compliance : Refer to test results (Test Data)

12. Statement on uncertainty in measurement : Not applicable

13. Major Equipment Used

S. no.	Nomenclature	Make	Model	Cal. Validity
1.	3Phase Power Analyzer	Voltech	PM3000	May, 2015
2.	ESD Simulator	Keytek	MZ15	Oct, 2015
3.	K/J Thermometer	Meco	990	May, 2015
4.	Digital Vernier Caliper	Mitutoyo	500-182	April, 2015

Tested by

Approved by

Issued by



ELECTRONICS TEST AND DEVELOPMENT CENTRE, MOHALI

TEST REPORT

No. : ETDC(MH)/T&M/ 145	Dated : 02.02.2015	Page : 2 of 3
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14. RESULTS SUMMARISED:

Sr No	Test stage	Test requirements (Cl. Ref. of specs.)	Test condition	Test Data	Qty. Pass/Fail/Status	Uncertainty (Where applicable)
1	Power Consumption	DGS&D and Indenter's	Power Consumption of the sample shall be 60W to 90W	85W	Pass	
2.	Temperature Range	-do-	Temperature range shall be 200°C to 450°C	Complies	Pass	
3.	Temperature Accuracy	-do-	Temperature accuracy shall be within $\pm 10^\circ\text{C}$.	Complies	Pass	
4.	Temperature Stability	-do-	Temperature stability shall be within $\pm 5^\circ\text{C}$	Complies	Pass	
5.	ESD Safe		The sample shall be subjected to following condition : Type of discharge : Contact discharge Test Voltage : 2KV (\pm) Contact No. of discharges : 10 Unit Under Testing Condition : ON Sample shall be functional during and after the test.	Test Conducted (Sample found functional during and after the test)	Pass	
6.	Power Supply	-do-	Sample shall be functional at 230V \pm 10% AC Input.	Functional	Pass	
7.	Display	-do-	Display of sample shall be Digital LED/ LCD	LCD Display provided.	Pass	
8.	Accessories	-do-	Soldering Iron , Bits (chisel bits 0.8mm, 1.6mm and 2.4mm), knife bit 2mm, gull wing bit -2.3 mm, safety rest, Sponge, Power Chord and User Manual shall be provided along with sample	Provided	Pass	


15. Additional Remarks:

15.1 Device under test (DUT) Photograph enclosed as Annexure-I

Tested by


 जगदीश कुमार / JAGDISH KUMAR
 वैज्ञानिक 'सी' / Scientist 'C'
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 Ministry of Comm. & Info. Technology
 भारत सरकार, इटोडीसी, मोहाली (पं.)
 Govt. of India, ETDC, Mohali (P.S.)



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Dated : 02.02.2015

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Annexure – I

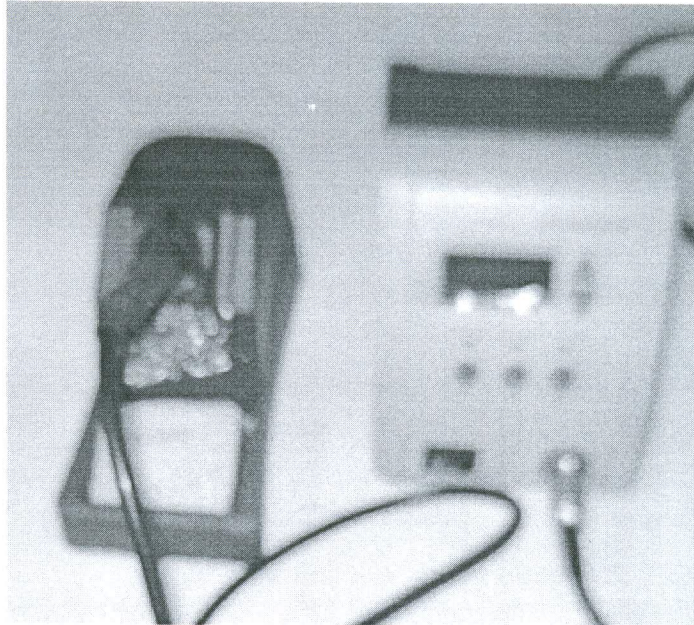


Figure-I

Temperature Controlled Soldering
Station with Digital Display
Make: INDE
Model: DSSLF04H
S. No. DSSLF04H1408028

Figure-II (Marking)



[Signature]
Issued by
(Customer Service Cell)



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Supply List DSSLF04HESD Digital Soldering Station

S.No.	Customer's Name & City	Date of Sale	Qty.
1	Agility ELEktrotekniks Pvt. Ltd.	2/21/2015	1
2	Air Officer Commanding, Delhi	4/23/2014	5
3	Allround (India) Vegetable Processing, Ambala	10/15/2013	1
4	Amanpreet Singh, Bareli	12/15/2014	1
	Amanpreet Singh, Bareli	2/13/2015	1
5	Analog & Digital System	1/2/2015	1
6	ArcommTech Solutions Private Ltd., Chennai	12/31/2014	1
7	Avery India Ltd, Ballabgarh	11/18/2013	1
8	Blue Chip Electronics, Secunderabad	15/07/2015	1
9	HAL Hyderabad thru Blue Chip Electronics, Secunderabad	02/09/2015	60
10	BPL Medical Technologies Ltd., Kerala	3/30/2016	1
11	BTL India Pvt. Ltd., Bangalore	4/29/2015	1
	BTL India Pvt. Ltd., Bangalore	3/22/2016	2
12	Centre for Dev. of Adv. Computing, Noida	1/17/2014	3
13	Centre for Development of Advanced Computing	9/23/2015	3
14	Chawla Machinery Store, Zirakpur	4/10/2015	1
15	Compro, Chandigarh	12/23/2014	1
	Compro, Chandigarh	12/24/2014	1
16	Compro Cochin	12/15/2014	1
17	Elin Appliance Pvt.Ltd., Baddi	3/31/2014	2
	Elin Appliance Pvt.Ltd., Baddi	12/26/2014	5
	Elin Appliance Pvt.Ltd., Baddi	21/04/2015	2
	Elin Appliance Pvt.Ltd., Baddi	28/05/2015	3
	Elin Appliance Pvt.Ltd., Baddi	17/09/2015	4
	Elin Appliance Pvt.Ltd., Baddi	10/10/2015	4
	Elin Appliance Pvt.Ltd., Baddi	14/01/2016	3
18	Emerson Ind. Automatic Elec. Power Generation P Ltd.	4/24/2013	1
	Emerson Ind. Automatic Elec. Power Generation P Ltd.	5/27/2014	1
	Emerson Ind. Automatic Elec. Power Generation P Ltd.	9/10/2014	1
	Emerson Ind. Automatic Elec. Power Generation P Ltd.	4/22/2015	1
19	Emmerson Industrial Automation, Hubli	4/29/2014	1
20	Enfield Solar Energy Limited, West Bengal	4/30/2013	10
21	Army Workshop Patiala thru Fair Deal Computers, Patiala	2/25/2015	2



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22	Fides Electronics Pvt. Ltd.	3/24/2014	1
23	Gauttam Solar Pvt. Ltd., Haridwar	7/1/2014	6
24	Gilard Electronics Pvt. Ltd., Mohali	3/6/2014	2
	Gilard Electronics Pvt. Ltd., Mohali	6/20/2015	1
25	Gill Brother, Pathonkot	12/20/2014	1
26	Green Field Control System India Pvt. Ltd.	3/6/2014	1
27	G Tech System, Pune	10/30/2014	1
28	Hanning Motors India Pvt. Ltd., Vadodara	2/12/2016	1
29	HD Medical Services (India) Pvt. Ltd., Bangalore	8/21/2014	1
30	Hearing Aid Centre, Ludhiana	1/7/2016	1
31	Hero Moto Corp Ltd., Rewari	3/28/2014	1
	Hero Moto Corp Ltd., Rewari	3/7/2015	2
32	Hindustan Aeronautics Ltd., Lucknow	4/18/2015	20
33	India Institute of Space Science and Technology	1/16/2014	1
34	Indian Institute of Technology, New Delhi	3/25/2016	1
35	Indian Institute of Technology, Chennai	12/14/2013	1
	Indian Institute of Technology, Chennai	1/31/2015	2
36	India Nippon Electricals Ltd., Rewari	7/28/2014	12
	India Nippon Electricals Ltd., Rewari	8/22/2014	12
	India Nippon Electricals Ltd., Rewari	8/23/2014	6
37	IND Micro Devices, Kolkata	1/12/2015	1
	IND Micro Devices, Kolkata	2/24/2015	1
	IND Micro Devices, Kolkata	1/13/2016	1
38	Indocen Electronics Systems Pvt. Ltd., Mumbai	1/29/2014	5
	Indocen Electronics Systems Pvt. Ltd., Mumbai	5/13/2014	6
39	Integrated Batteries Pvt. Ltd., Noida	6/13/2015	1
	Integrated Batteries Pvt. Ltd., Noida	11/27/2015	2
40	ISRO Telemetry Tracking & Command, Banaglore	2/11/2015	3
41	ISRO Inertial Systems Unit, Thrivananthapuram	3/14/2016	3
42	JB Instruments, Delhi	11/14/2014	1
	JB Instruments, Delhi	12/1/2014	4
	JB Instruments, Delhi	1/6/2015	4
	JB Instruments, Delhi	2/10/2015	1
43	K-LITE Industries, Chennai	10/29/2015	1
44	Lakshya Merchandise, Ahmedabad	12/26/2013	4



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46	MCT Cards & Technology Pvt. Ltd., Manipal	3/23/2014	1
47	Mediatronix Pvt. Ltd., Thiruvananthapuram	12/11/2014	1
48	Mitsuba Sical India Pvt. Ltd, Chennai	1/22/2015	1
49	Micro Technologies, Bangalore	7/20/2015	1
50	Mr. Sidharth Pinto	2/20/2015	1
51	M/s Jagdish Enterprises, Delhi	4/10/2015	2
52	National Aluminium Co. Ltd., Orissa	10/11/2013	4
53	Nishant Associates	3/7/2014	1
54	N-Square Systems, Borada	5/6/2014	1
	N-Square Systems, Borada	12/27/2014	1
	N-Square Systems, Borada	6/15/2015	1
55	Officer Commanding	9/19/2014	1
56	Om Agencies, Kanpur	9/10/2014	3
57	Orbit Tele Systems, Amritsar	3/25/2015	1
	Orbit Tele Systems, Amritsar	9/17/2015	1
	Orbit Tele Systems, Amritsar	3/3/2016	1
58	Premier Electronics	6/12/2015	1
59	Prompt Softech, Ahmedabad	3/15/2014	1
60	P.V. Power Technologies Pvt. Ltd., Mumbai	7/26/2014	2
61	Pyrotech Electronic Pvt. Ltd., Udaipur	7/30/2013	1
	Pyrotech Electronic Pvt. Ltd., Udaipur	1/21/2014	1
62	AGS Transct thru Rajshree Electro-Systems, Thane	4/8/2013	5
63	Rajshree Electro-Systems, Thane	2/13/2014	2
	Rajshree Electro-Systems, Thane	2/24/2014	1
	Rajshree Electro-Systems, Thane	3/24/2014	1
	Rajshree Electro-Systems, Thane	5/30/2014	3
64	AGS Transct thru Rajshree Electro-Systems, Thane	7/3/2014	5
	Rajshree Electro-Systems, Thane	7/14/2014	4
	Rajshree Electro-Systems, Thane	1/6/2015	1
	Rajshree Electro-Systems, Thane	8/20/2015	2
	Rajshree Electro-Systems, Thane	2/27/2016	1
65	Rajasthan Electronics & Instruments Ltd., Jaipur	3/31/2016	2
66	Rajula Spinning Mill	7/28/2015	1
67	Redical Solar Pvt. Ltd.	8/24/2015	4



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68	Reliant Electronic Design Services Pvt. Ltd.	12/8/2014	1
69	Ruttonsha International Rectifier Limited, Gujarat	6/19/2013	1
70	Salzer Electronics Ltd., Coimbtour	11/13/2015	2
71	Saurer Textile Solutions Pvt. Ltd., Ahmedabad	12/27/2014	1
72	Saurer Textile Solutions Pvt. Ltd., Coimbatore	11/26/2014	3
	Saurer Textile Solutions Pvt. Ltd., Coimbatore	12/27/2014	7
73	Scalene Cybernetics Limited, Bangalore	10/30/2015	1
74	Schneider Electric India Pvt. Ltd., Bangalore	10/24/2014	1
75	SFO Technologies Pvt. Ltd., Kerla	5/14/2013	5
76	Shivam Photovoltaics Pvt Ltd., Ahmedabad	4/10/2013	15
	Shivam Photovoltaics Pvt Ltd., Ahmedabad	7/10/2013	15
77	Shraddha Systems, Baroda	3/22/2016	1
78	Sirio India Inductive Components Pvt.Ltd., Delhi	9/16/2014	1
79	Srilas Telecom Pvt. Ltd., Rohtak	8/19/2014	1
80	Air Force Station Jodhpur thru S.R. Trading, Jodhpur	6/27/2014	2
	Air Force Station Jodhpur thru S.R. Trading -Jodhpur	7/15/2014	2
	Air Force Station Jodhpur thru S.R. Trading, Jodhpur	11/7/2014	2
	Air Force Station Jodhpur thru S.R. Trading, Jodhpur	2/21/2015	1
81	Stuti Communication, New Delhi	12/16/2014	1
82	Air Force Station Chandigarh thru Synergy Enterprises, Chandigarh	1/23/2016	1
	Air Force Station Chandigarh thru Synergy Enterprises, Chandigarh	3/8/2016	4
83	TEK Components Pvt. Ltd., Pune	10/6/2015	2
84	NPCIL thru TM Controls, Kota	8/5/2014	1
	NPCIL thru TM Controls, Kota	4/7/2015	1
85	Uniphos Envirotronic Pvt. Ltd., Gujarat	12/4/2015	1
	Uniphos Envirotronic Pvt. Ltd., Gujarat	2/3/2016	1
86	Universal Sales Services	7/14/2014	1
	Universal Sales Services	7/25/2014	1
	Universal Sales Services	8/4/2015	1
	Universal Sales Services	9/16/2015	1
87	Vilkon Solution	1/21/2015	1
88	Wings Automobile Products Pvt. Ltd.-Faridabad	7/21/2015	5
89	Yokogawa India Ltd., Bangalore	2/12/2016	1