



About Us:

Advance Components & Instruments Pvt Ltd an **ISO 9001:2000** company certified by DNV, and was started in 1979 to manufacture plastic film capacitors in Technical collaboration with M/s Gould Advance Ltd. of U.K. (later taken over by Ashcroft) The company has established itself as a quality manufacturer of capacitors to the professional industries in electronic, medical, electrical, automobile components, railways, power electronics & telecommunication sectors. The products are approved by Indian Military, Indian Railways and telecom agencies in India.

Advance Capacitor brand is well known in India for quality and reliability.

Advance has developed expertise to design and manufacture capacitors as per customer requirements and specifications. Design for special capacitors is taken up on demand from the customer. With experience of over past 25 years the company has developed a wide range of capacitors for the Indian Electronic & Electrical Industry.

Advance has actively kept it abreast of latest developments in the plastic film capacitors industry and has developed various High Voltage, High Current, High dv/dt rating capacitors.

Advance has also started successful manufacturing of the PPS film capacitors (a replacement for the phased out polycarbonate film capacitors).

As a part of company's diversification and expansion strategy, a RFI/EMI filters are

Factory: 3A/3A1 Belavadi Industrial Area, Mysore – 570018. Karnataka, India
Website: www.advance-capacitors.com Email: advcaps@airtelmail.in



manufactured in the Unit –II division, **Advance Components & Instruments Pvt Ltd UNIT-II**, started in 2004. This division has developed and is manufacturing a wide range of Power Line RFI filters to very high standards meeting International specifications. A range of filters has been qualified by LCSO for defense use as per MIL specs. This division received several best vendor awards from Xerox India.

Our Strengths:

Custom made capacitors in intermediate and extended range in capacitance value, Voltage rating, dimensions and packaging. Close Tolerance capacitors, high current commutation and snubber capacitors can be undertaken on low/medium volumes. We offer special assistance to customers to develop application specific capacitors.

Contact Details:

Location : (Unit I) Advance Components & Instruments Pvt Ltd
3A/3A1 Belavadi Industrial Area Mysore 570 018

(Unit II) Advance Components & Instruments Pvt Ltd
C-176, Industrial Area, Yadavagiri, Mysore 570 020

Telephone : 0091-0821-2402301, 2402307

Fax : 0091-0821-4282058 or 0091-022-22077183

Email : advcaps@vsnl.com / advancemumbai@mtnl.net.in

PRODUCTS :

1. Metallised Plastic Film Capacitors
(Axial type & Radial Box Type) – Polyester (MPE), Polycarbonate (MPC), Polyphenylene Sulphide (PPS) & Polypropylene (MKP), Film/Foil (FKP) Dielectric Constructions.
2. Interference Suppression Devices for Automobiles.
3. Damping & Traction Capacitors for Railways.
4. Snubber Capacitors.
5. DC Link Capacitors.
6. Resonant Capacitors – Tank Circuits.
7. IGBT Capacitors (MKP/FKP) versions.
8. AC Capacitors for general purpose.
9. Power Capacitors for power electronics.
10. High Voltage Capacitors (up to 40kvdc)
11. X2/Y2 Class Interference Suppression Capacitors (CE Marked)
12. EMI/RFI Filters – single phase & 3phase

PRODUCTS Approvals:

LCSO, JSS 50204 Military for Polyester/ Polycarbonate Capacitors.
RDSO, Railways ,for Polycarbonate & Polypropylene Capacitors.
ERTL – IEC 384-14 (CE marking) for X2/Y2 Capacitors.
CDOT – DOT for telecom for Polyester Capacitors.
LCSO Approval for EMI filters 1 Phase(MIL) for military avionics

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Company Product & Quality System Approvals:

DGQA Military supplies
Areva (formerly GEC Alstom), Chennai: Self Certified
ABB, Bangalore, Mumbai, Vadodara
APLAB Ltd.
Autometers Ltd
HIREL Pvt Ltd
HAL, Hyderabad
Mitsuba Sical : Alternator
Lucas TVS : Alternator/Wiper
Xerox India : RFI Filters
Siemens, Nashik
Bharat Dynamic Ltd : Military Missiles
C.A.T., Atomic Energy Group
Larsen & Toubro: Automation & Electronics, Medical.
GE Medical, Bangalore
Bharat Electronics, Bangalore
Emerson Electric, Mumbai
Kirloskar Electric Co Ltd : Generators
Central Electronics Ltd : Railway Eqpt.
Indian Railways

Exports:

Eurofarad, France
Charcroft Electronics, United Kingdom
Plustherm, Switzerland
Ohm Elektronix, Turkey



Application Based Product Range

High stability & Close Tolerance: Metallised Polycarbonate, Polypropylene and PPS, used in Instrumentation, military.

Automobile Alternator/Wiper Contact Interference suppression: Metallised Polyester in Auto electric industry.

Commutation, Snubber, Power Electronics, filtering: Metallised Polycarbonate, Polypropylene, Series Types with Double metallised / foil electrodes used in UPS, Invertors, Railways and Medical Electronics

Interference Suppression X2/Y grade as per IEC 384-14 : Power line noise suppression used in Filters, SMPS, energy meters

Spark Suppression Contact protection: R / C combinations used for spark suppression of contacts. Used by switchgear manufacturers

Feed Through Capacitors: Metallised Polycarbonate / polypropylene for broad spectrum EMI suppression used by defense suppliers

Power Line RFI filters including feed through stages used in medical equipment, office equipment, military, and communication.



Advance Components – Management

The management structure of the company is as follows.

Mr. Ashok Joshi : Director
Mr. Sudhakar Joshi : Director
Mr. Ajay Joshi : Director
Mr. Ravindra Shanbhogue : Director
Mr. U V Rao : Director

Production Manager - Mr. B.V.Shenoy
Asst. Production Manager & M.R. - Mr. T.G. Raja
Quality in Charge - Ms. M.V.Ganga
Production Engineers -Mr. Sham Bhat, Mr. A.S.Mahesh,
Mr.C.K.Srinivas, Ms.S.V.Dhanalakshimi
Customer Service - Ms.Meenakshi
Stores in charge - Mr.B.K.Bhat / Mr Ramesh

The responsibilities of the above are as follows:

PRODUCTION MANAGERS: Responsible and accountable for all operations at the works such as production, planning, purchase, quality, employee recruitment, HRD, safety and continuous Quality Improvement. Verify implementation of solutions, Vendor Development, control processing of non conforming product until deficiency is corrected.

QUALITY in CHARGE: Responsible for assuring the quality of the finished product, raw materials, implementation of the Quality System, calibrations and accountable for corrective actions and quality records.

PRODUCTION ENGINEERS: Responsible for production, production planning, maintenance, housekeeping, purchased material and finished goods movement, material documentation, subcontractors, material stores.

CUSTOMER ENGINEER: Responsible for customer orders receipt, Contract Review, Acknowledgement, order follow-up, despatches and responding to the customer requirements.

Operations such as Financial Accounts, Central Excise, Sales Tax etc are statutory in nature and come under various government rules and regulations. The company conforms to all such regulations fully.

Total Employment - 70

Sub Contractors used - 5



PLANT & MACHINERY

Manufacturing Eqpt:

Automatic Winding Machines	Metar, COSMOS DS	1 No.	with bridge
	Metar, COSMOS DS	1 No.	
	Hitachi, Japan AWP 4M	1 No.	
	Jognics AC Winding	2 No.	
	Unitronics, Taiwan	1 No.	
Semi-auto Winding Machines	Various	4 Nos.	
Auto-masking machine	Hitachi		
Flattening Press	Fluid Dynamic	1 No	
Heat Treatment Oven	Grover, Bombay	4 Nos.	
	IEC, Bombay	2 Nos.	
Arc Spray Power supply	Metallization UK		
Spray Gun	Metallisation Jodhpur	2 Nos	
Miniature Lead Welding M/c with cycle control	: Gould UK	4Nos.	
Automatic Lead Welding M/c	Midland Engg USA Axial	1 No.	
	Radial	1 No.	
Automatic Lead Welding M/c	Roder Taiwan Axial	1 No.	
Wax Coating Machine	Sungwoo South Korea	1 No.	
Epoxy Powder Coating Machine,	South Korea	1 No.	
Wrapping M/c	Midland Engg USA		
Inkjet Printing Machines	Domino United Kingdom.		
Vaccum Chamber/Plant	Sulvac, Madras		

Support Equipment:

Air conditioning Eqpt	Hitachi 7.5 tonnes
Air Compressor	Ingersall Rand 2 X 15 hp
Diesel Generator Set	Kirloskar 100 KVA, 30 KVA

TEST EQUIPMENT

LCR Bridges	Hewlett Packard
LCR Digi Bridge	Genrad, Jognics
Comparators	Sivananda, Nashik
Megohm Meters	Sivananda
High Voltage Testing upto 40Kvdc	
High Voltage Breakdown Tester	BPL, Agronics
Decade Capacitor Standards	Danbridge, 6 Nos.
Spectrum Analyser/Tracking Generator	Advantest, Japan
Milli Ohm Meter	

Quality Control Test Eqpt

LCR DIGI Bridge	ANDO 4311 B
Component Comparator/Decade	Danbridge, Denmark
Megohm Meter	Sivananda, LS 3B
Standard Capacitors	ARCO USA
Electrical Life Test Oven	Local
Humidity Chamber	IEC, Bombay

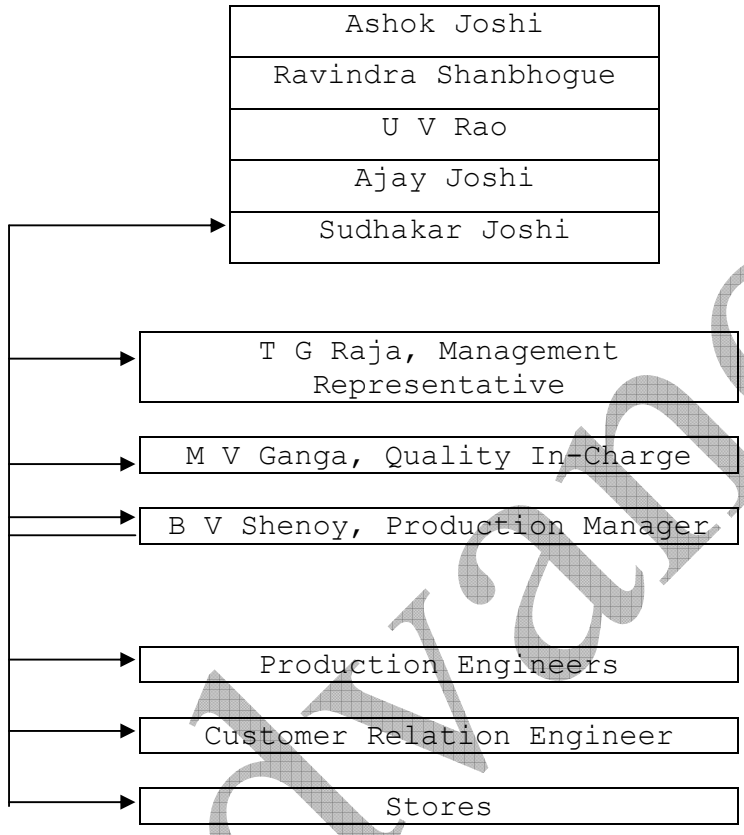
Outside Agency Tests :

Chemical Tests : Ganesh Agencies, Mysore
Calibrations : ETDC, Bangalore, STEP Mysore
Damp Heat , Vibration , Shock Etc : ETDC Bangalore, ERTL Mumbai
Partial Discharge : CPRI, Bangalore
EMI /EMC : Sameer, Chennai, ERTL, ETDC



ORGANISATION CHART

Board of Directors



Total Staff: 70

Staff Qualification: Degree Engineers - 8
Diploma Engineers - 6
College Degree - 10
High School - 35

Products:

Resonant Capacitors



DC Link Capacitors



DC Filter Capacitors



IGBT Snubber Capacitors



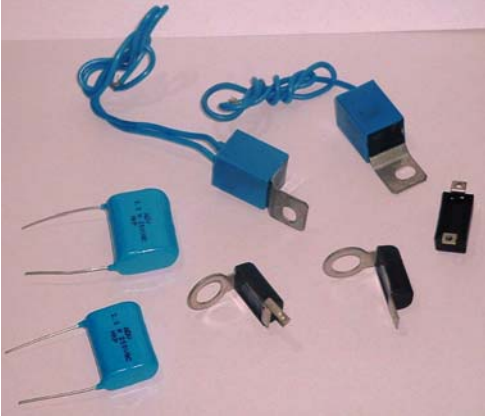
GTO Snubber Capacitors



AC Capacitors



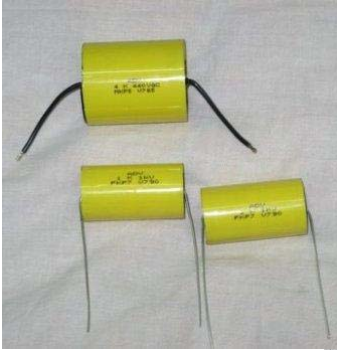
Automobile Capacitors



EMI/RFI Filters



Axial Capacitors



High Voltage Capacitor



Tapped Capacitor



Snubber Capacitors



Railways Capacitors - Traction / Damping / EMU / 3phase

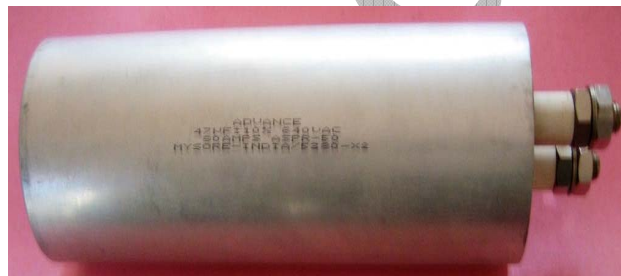
Earthing Capacitor



EMU Capacitor 200mfd + 300mfd



3 Phase Loco Capacitors



EMU Capacitors



Harmonic Filter Capacitor for 3phase Loco



Capacitor for Converters

