



Government Polytechnic Jalgaon

Academic Year 2020-21

Course Code

Industrial Training

(22049)

EJ 5 I

List of members allocated for ACE TECHNO services company

- 1. Mohish khadse**
- 2. Prathamesh saraf**
- 3. Mohir bhangale**
- 4. Mandar patil**

Ace Techno services

Basic Information

Nature of Business	Service Provider
Company CEO	Sushil Samvatsar
Year of Establishment	1993

Company Management

Prof. Sushil Samvatsar

Director

B.E(COEP Pune), M.Tech(IIT Kharagpur), DBAM, Chartered Engineer
MIETE, MISTE, MIE, MSEMCE(I), CHARTERED ENGINEER Present

Experience:

23 Years In the field of Calibration, Industrial Technical Services, Instrumentation, Validation, Engineering, and Calibration Instruments Design and Manufacturing. Trained Internal Auditor for ISO/IEC 17025:2005.

Prior Experience:

15 years in domain of Defense Electronics

Prof. of Electronics at Degree Engg. Colleges, Member of Board of Studies etc
Computer Education Publications:

Published several papers in National and International Conferences in the fields Communication, Fiber optics, EMI/EMC, Process Instrumentation, Computer Simulation etc. Author of books on computers in Marathi and English
Still

Mr. Mandar Samvatsar

Business Manager

BTech (NIT Calicut), MBA(Gold Medalist-IIFM)

AMIE, CHARTERED ENGINEER

Present Experience:

10 Years In the field of Calibration, Industrial Technical Services, Instrumentation, Validation, Engineering, Industrial Instrument Marketing, Calibration Instruments Design and Manufacturing and Calibration System Customization. Trained Internal Auditor for ISO/IEC 17025:2005.

Prior Experience:

Calibration and Validation of instruments

Quality Systems Management

Auditing

Commodity Trading/Industrial Trading

Company Achievements

The company Director **Prof. Sushil Samvatsar** and Business Manager **Mr. Mandar Samvatsar** has set there name in **Limca Boof Of Record** of having 10 patent in a single day



संवत्सर पिता-पुत्र लिम्का बुक ऑफ रिकॉर्ड में

■ चैप्टर में दिखाई देगी रिकॉर्ड बुक की ह्यूमन स्टोरी, औरंगाबाद की बढ़ाई प्रतिष्ठा

औरंगाबाद | औरंगाबाद के सुशील संवत्सर और मंदार संवत्सर पिता-पुत्र शोध को लिम्का बुक 2020 में एक दिन में दस पेटेंट दाखिल करना रिकॉर्ड के रूप में दर्ज किया गया है। आधिकारिक प्रमाण पत्र 12 मार्च 2020 को प्राप्त हुआ और लिम्का बुक ऑफ रिकॉर्ड्स के संपादक द्वारा पिता-पुत्र को सूचित भी किया गया है। लिम्का बुक अप्रैल 2020 के महीने में प्रकाशित होने वाली है। संवत्सर पिता-पुत्र रिकॉर्ड बुक की ह्यूमन स्टोरी चैप्टर में दिखाई देगी। यह पिता-पुत्र शोधकर्ता एसीई टेक्नो सर्विसेस के संचालक सुशील संवत्सर और सीईओ मंदार संवत्सर हैं पिता और पुत्र की जोड़ी ने पहले ही कैलिब्रेशन क्षेत्र में देश में एक खास मकाम बनाया है। उन्हें वर्ष 2018 में डब्ल्यूआरआई द्वारा वर्ल्ड रिकॉर्ड से भी सम्मानित किया गया था। 2020 में वह फिर से लिम्का बुक ऑफ रिकॉर्ड्स में दिखाई देंगे। दोनों आविष्कारक के रूप में एक ही दिन में दस पेटेंट के लिए आवेदन कर चुके हैं।

Sun, 15 March 2020
दैनिक भास्कर <https://epaper.bhaskarhindi.com/c/49987546>

INTRODUCTION

Company Introduction and Management

ACE Techno Services, Aurangabad is a leading calibration services provider in Maharashtra. Established in 1993 they have been successfully achieving the intent of providing quality calibration for process instruments, test and measuring instruments in wide variety of applications – to achieve better productivity by the customer recipients.

They are a group of leading technocrats, led by Prof. **Sushil Samvatsar** Director of ACE Techno Services, 23 Years In the field of Calibration, Industrial Technical Services, Instrumentation, Validation, Engineering, and Calibration Instruments Design and Manufacturing and trained Internal Auditor for ISO/IEC 17025:2017.

Mr. **Mandar Samvatsar** Business Manager of the ACE Techno Services, 10 Years In the field of Calibration, Industrial Technical Services, Instrumentation, Validation, Engineering, Industrial Instrument Marketing, Calibration Instruments

Design and Manufacturing and Calibration System Customization, Trained Internal Auditor for ISO/IEC 17025:2017.

The laboratory is accredited by NABL (an autonomous body under the aegis of "Department of Science and Technology", Government. of India) .

The accreditation is granted to ACE techno services as a calibration laboratory for performing calibration AT lab and ON site as per international standard ISO/IEC17025:2017 in thermal and mechanical discipline.

Technical expertise has helped us to serve beyond geographical boundary of Maharashtra and India. Our technical Expertise has helped our associates in DUBAI and other places to serve their clients better in order to gate calibration on quality norms.

They undertake "Calibration Wide Variety of Industrial Equipment" example Temperature Controllers/Recorders, Thermocouple/RTD/Thermometer, Voltmeter/Ammeter, Digital Multimeter, Tong Tester, Digital Tachometer, Megger, High Voltage tester, pressure gauges, Timers, process Tx/Rx etc.

They also undertake calibration of your production setup specific to purpose calibration, kindly note that, they provide traceability per calibration certificate, which are satisfied ISO 9001 and various other norms.

History

The company is establishment in 1993 and the journeys of the company are below:

- 1993- Started with maintenance, repairs and supply of motor drives and CNC machines, Electronics Education Trainer technology and Consultancy.
- 1995- Commenced calibration and maintenance of temperature controllers & furnaces. Leading player in industry related electronic services and calibration.
- 1998- Launched Turnkey projects with ‘concept to commissioning’ & ISO 9000 consultancy. Established wide range of Calibration Service Products in Electro Technology and Thermal domain.
- 2001- Leader in calibration services for Automobiles, FMCG and biotech industry.
- 2003- Pioneer in providing wide range of calibration products for Pharmaceutical Industries and Blood bank.
- 2008- Pioneer in providing calibrations to meet requirements of FDA, USFDA.
- 2013- NABL Accreditation for Thermal and Mechanical discipline.

International Organization for Standardization (I.S.O.)

ISO is an independent, non-governmental international organization with a membership of 162 national standards bodies. Through its members, it brings together experts to share knowledge and develop voluntary, consensus-based, market relevant International Standards that support innovation and provide solutions to global challenges. Its Central Secretariat is based in Geneva, Switzerland. International Standards make things work. They give world-class specifications for products, services and systems, to ensure quality, safety and efficiency. They are instrumental in facilitating international trade. ISO has published more than 19000 International Standards and related documents, covering almost every industry, from technology, to food safety, to agriculture and healthcare. ISO International Standards impact everyone, everywhere. The ISO story began in 1946 when delegates from 25 countries met at the Institute of Civil Engineers in London and decided to create a new international organization 'to facilitate the international coordination and unification of industrial standards. On 23 February 1947 the new organization, ISO, officially began operations.

Since then, It has published over 19000 International Standards covering almost all aspects of technology and manufacturing.

Today we have members from 162 countries and 3 368 technical bodies to take care of standard development. More than 150 people work full time for ISO's Central Secretariat in Geneva, Switzerland Because 'International Organization for Standardization' would have different acronyms in different languages (IOS in English, OIN in French for *Organisation internationale de normalisation*), our founders decided to give it the short form ISO. ISO is derived from the Greek isos, meaning equal. Whatever the country, whatever the language, we are always ISO.

ISO International Standards ensure that products and services are safe, reliable and of good quality. For business, they are strategic tools that reduce costs by minimizing waste and errors and increasing productivity. They help companies to access new markets, level the playing field for developing countries and facilitate free and fair global trade. standards are developed by the people that need them, through a consensus process. Experts from all over the world develop the standards that are required by their sector. This means they reflect a wealth of international experience and knowledge.

Service provided by the company

1. Validation services:-

Service Validation and Testing defines the testing of services during the Service Transition phase. This will ensure that new or changed services are fit for purpose (this is known as utility) and fit for use (this is known as warranty). Service Validation and Testing's goal is to make sure the delivery of activities adds value that is agreed and expected. If testing hasn't been carried out properly, additional Incidents and Problems will arise.

We offer services for validation of the following

- Stability Chamber
- Vacuum Oven
- Drying Oven
- Incubator
- Autoclave – Single door, double door, destruction etc with F0 values
- Dry heat sterilizer (DHS)
- Cold Storage Rooms etc
- Calculator
- Validation of Sound intensity(dB) & Light intensity(lux)
- Other specific to purpose validation

2. Traceable Calibration Services:-

Traceable calibration is an assurance program that certifies that a laboratory or manufacturer is fully equipped to calibrate equipment to National Institute of Standards and Technology (NIST) standards and that any products offered by that manufacturer will match those NIST-maintained measurement standards.

Leading Service Provider of Electro-Technical, Mechanical-Mass, Mechanical-Speed/RPM, Mechanical-Dimension, Thermal-Temperature & Humidity and Mechanical-Force from Aurangabad.

Electro-Technical

- Digital Multimeter
- Digital Clamp meter
- Insulation Tester
- Megger - Test voltage 50V to 5kV
- Earth Resistance Meter
- Micro-ohm meter
- Million-Mega-Ohm meter
- V-A-W meter
- BDV tester
- Timer
- Stop Watch
- Process Indicator/Controller , Current Loop Indicator/Controllers [CLIC]
- Process Transmitters & Process Converters/Receivers [Pressure, differential pressure, vacuum, flow, level, temp. Humidity, pH, conductivity etc.]
- Process Control Valves

Mechanical- mass

- Weights
- Weighing Balances
- Analytical Weight Box
- GSM Balance
- Specific Gravity Balance

Mechanical-Speed/RPM

- Tachometers (Contact/NC)
- Speed (Contact/NC)
- Centrifuge
- Stirrers

Mechanical-Dimension

- Dial Caliper (Inside/Outside)
- Micrometer
- Steel rule
- Tape
- Vernier Caliper
- Plunger Dial Gauges
- Dip Sticks

Thermal-Temperature & Humidity

- RTD
- Thermocouple
- Dry Bath
- Oil Bath
- Temp Sensors with and without indicator.
- Dry & Wet bulb thermometers
- Thermo-hygrometer
- Optical Pyrometer
- Sling psychrometer
- Humidity chamber , Environmental Chambers
- Glass Thermometer
- Temp. Gauges
- Tem-p. Switches
- Incubator
- Oven
- Furnace
- Refrigerators
- Water Bath
- Data loggers
- Digital Temperature Indicator with Sensors

Mechanical-Force

- Universal Testing Machines
- Tensile testing Machines
- Hardness Tester (Shore A /D)
- Push Pull Gauge
- Force Gauges (Analog/Digital)
- Tablet Hardness Tester- Monsanto type, Digital

Mechanical-Density

- Density Hydrometers
- High Density Hydrometer
- Specific Gravity Balance

Mechanical-Pressure

- Pressure Gauge
- Test Gauge
- Vacuum Gauge
- Pressure Transducer/Transmitter/Switch
- Low pressure Gauge/Manometers
- Differential pressure Gauge
- Dead Weight Tester
- Bursting Strength Tester
- I/P Converter
- Pressure Transmitter

Mechanical-Torque

- Slip Torque Wrenches
- Torque Screw Drivers
- Torque Calibrator
- Torque Measurement

Mechanical-Sound

- Sound level meter
- Sound Calibrator
- Sound level measurement of of building/laboratory/rooms

Mechanical-Volume

- Burette
- Pipette
- Flasks
- Micropipette
- Autopipette
- Elisa Washers
- Gas flow meter

3. NABL Accredited Calibration Services

Leading Service Provider of Certificate Fogging Thermal, Certificate Courses, Rifle Scope and Scope Mechanical from Aurangabad.

- Certificate Fogging Thermal
- Rifle Scope
- Scope Mechanical