

Company Profile

Chengdu Tool Research Institute (hereafter called CTRI), formerly under the direction of the Ministry of Machinery Ministry, is the sole comprehensive R&D institute of China's tool industry. CTRI is principally engaged in research, develop, produce and sale the cutting tools and measuring instruments, also including the technological consult and service, the transference of scientific achievements and the im-export business, etc..

CTRI founded in 1956, move to Chengdu from Harbin on 1965.

1994 Got the certification of "High-Tech Enterprise"

1996 Got the license of import & export business

1998 Became the support unit of "State Precision Tools Technology Research Center" approved by the China National Science & Technology Department

1999.5 Approved by the State Economical & Trading Commission, joined the China Machinery Equipment (group) Company, being the scientific & technological enterprise

2000 Passed the quality certification of ISO 9001

2001 Approved by the State Economical & Trading, as CTRI being the main sponsor combining with the Hunan University, Jiangsu University and Chongqing Yuhua High-Tech Ceramic Co., Ltd, established the "Chengdu CTRI Science & Technology Co., Ltd"



1956—2010



Industry Status

CTRI is the leading company of China's tool industry, the following organization are our affiliated units:

China Metal Cutting Tool Engineering Association (CMCTEA)
Tool Session of China Machine Tool & Tool Builders' Association
State Tool Quality Supervision & Inspection Center
Chinese Mechanical Engineering Society Production Engineering
Institution Metal Cutting Commission
China National Accreditation Committee for Laboratory
National Center of Supervision & Inspection on Cutting Tool
Products Quality

H&R

CTRI presently has over 580 employees, half of them are technical staffs, including 3 state-level experts of outstanding contribution, 26 recipients of government special allowance, 15 provincial experts, 27 fellow senior engineers, 103 senior engineers, 10 senior accountants, 140 mid-level technical staff, 14 masters, 146 seniors, and the major including: machinery, metallic material, electronic, computer, mechatronics, etc..

Achievements in Scientific Research

The second awards of new technology invention of gear integrated error test.
The second awards of diamond brazing technology and metal.
The third awards of grindability of high-performance and cobalt free high-speed steel invention.
The second awards of making and executing the standard of measure tool and cutting tool production.
The third awards of the module gear hobs carbide.
The third awards of PCBN mechanism and application.
The third awards of coated carbide inserts complete sets of technology and equipment.
The second awards of QPQ salt bath treatment technology and equipment.
The third awards of mechatronics development forecast and comprehensive analysis (cooperation projects).
The third awards of dynamic testing of materials and the application on the parts of machinery (cooperation projects).
The second awards of the common database of the machinery industry (cooperation projects).



Core competence

At present, the CTRI has already own the unique overall and core complete technology advantage on several technology fields, such as: tools material, precision tools and CNC tools design and process technology, tool surface strengthen technology and equipment, design and manufacture of large precision measuring instruments, laser measurement and optical sensor technology and computer software, etc.. Basically formed six leading products, namely, carbide threading tools for oil pipe, carbide precision unstandard tools, superhard tools, tools' surface strengthen technology and equipment, gear measurement machine, laser measurement machine. Including the technology structure for more than 30 core and high-tech products. All the products and technology always been maintaining active technical exchanges with its counterparts at home and abroad.



Quality controlment

Quality certification:ISO 9001:2000

Quality principle:As the technology innovating besing guide;

As the quality management being being assurance;

As the persistent improvement being core;

As the customer satisfaction being goal.

Quality goal:

- 1,Executing the ISO 9001:2000 standard,passing the certification and ensure the system running efficiently.
- 2,Keep on innovating new technology,developing new produce or new projects more than two per year.
- 3,As the quality control being assurance,ensure the exfactory pass rate reach to 100%.Making the main product percent pf pass rise to 95% in three years.
- 4,Focus on the customer satisfaction,rising the rate over 98% in three years.Resolving customer complaints rate over 95%.
- 5,No major customer complaints,no quality accidents,no equipment safety accidents.

Service management

Rule of srvice: Whole-heartedly to customer service.

Commitment of service:Meeting the reasonable requirements of users.

Standard of service:Quickly and effective providing the top level products and service to users.



Cooperation

- 1,Setting up the Chinese meter base by cooperating with the U.N.
- 2,Cooperating with the Germany Klingnberg Co.,Export the taper gear measurment technology to Germany.
- 3,Widely communicating and cooperating about the technology with abroad companies and universities and enterprises at home.
- 4,Cooperating with the Price Water House Coopers.UK,fully enhance the corporate image and management ability.