

Scope and Activities of ISO/TC 161 – Technical Committee for Controls and protective devices for gas and/or oil

A. Scope (<https://www.iso.org/committee/53436.html>)

To prepare standards relevant to the inherent safety of controls and protective devices for burners and appliances using gas and/or oil. This includes controls for residential, commercial and industrial burner control applications and fuel supply installations. It also includes high-pressure controls for use in local gas transmission, distribution and installations.

Excluded are materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries applications, which are covered by the scope of ISO/TC 67.

Further details and the latest TC Business Plan can be found at:

http://isotc.iso.org/livelink/livelink/fetch/2000/2122/687806/ISO_TC_161_Control_and_protective_devices_for_gas_and_oil_burners_and_gas_and_oil_burning_appliances.pdf?nodeid=893860&vernum=-2

B. Standards

A complete listing of published standards for ISO/TC 161 can be found at:

<https://www.iso.org/committee/53436/x/catalogue/p/1/u/0/w/0/d/0>

C. Recent Work

- a. Update of the general requirements ISO 23550 to merge regional requirements into the main body of the standard and coordinating electrical/electronic requirements with IEC 60730-1.
- b. Combining ISO 23551-2, Part 2: Pressure regulators and ISO 23551-2, Part 3: Gas/air ratio controls, pneumatic type
- c. Update of ISO 23551-4, Part 4: Valve proving systems and bringing in line with the update of ISO 23550.
- d. Amendment to ISO 23551-8, Part 8: Multifunctional controls to include requirements for overheating safety shutoff devices.
- e. New amendment to ISO 23551-8, Part 8: Multifunctional controls to provide optional testing and evaluation of burner control components, i.e., pilot burners, igniters, etc.
- f. Development of a set of standards for high-pressure controls for local gas transmission and distribution ISO 23555 series. Includes pressure regulators and regulating stations and safety shut off devices.
- g. ISO 23551-11, Part 11: Automatic shut-off valves for operating pressure greater than 500 kPa

D. Work program

The most recent updated work program for ISO/TC 161 can be found at:

<https://www.iso.org/committee/53436/x/catalogue/p/0/u/1/w/0/d/0>

E. Future work

Future work of TC 161 will include:

Updating all relevant specific parts (i.e., Part 2s) with the newly updated general requirements.

F. Memberships

P-Membership (Participating): 14 members: Australia, Belgium, Canada, China, Denmark, France, Germany, Italy, Japan, Republic of Korea, Netherlands, Spain, United Kingdom, United States

A complete and updated list of P- and O-members to ISO TC 161 can be found at:

<https://www.iso.org/committee/53436.html?view=participation>

G. Liaisons

IEC/TC 72; ISO/TC 67/SC2; ISO/TC 67/SC6; ISO/TC 70; ISO/TC 109; ISO/TC 244; ISO/TC 291

<https://www.iso.org/committee/53436.html>