**已转化最新版国际标准的实施效果调研表**

**填报单位： 委员签字或盖单位公章：**

| **序号** | **国际标准编号** | **英文名称** | **国内标准**  **编号** | **中文名称** | **对应程度** | **如修改采用，与国际标准的技术差异** | **实施效果** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **实施良好 （举例说明）** | **不适用 （说明原因）** | **建议改进 （改进理由和内容）** |
| 1 | [ISO 1307:2006](https://www.iso.org/standard/41421.html?browse=tc) | Rubber and plastics hoses — Hose sizes, minimum and maximum inside diameters, and tolerances on cut-to-length hoses | GB/T 9575-2013 | 橡胶和塑料软管 软管规格和最大最小内径及切割长度公差 | IDT |  |  |  |  |
| 2 | [ISO 1436:2020](https://www.iso.org/standard/75648.html?browse=tc) | Rubber hoses and hose assemblies — Wire-braid-reinforced hydraulic types for oil-based or water-based fluids — Specification | GB/T 3683-2011 | 橡胶软管及软管组合件 油基或水基流体适用的钢丝编织增强液压型 规范 | IDT |  |  |  |  |
| 3 | [ISO 1823:2015](https://www.iso.org/standard/55912.html?browse=tc) | Rubber hose and hose assemblies for oil suction and discharge service — Specification | HG/T 3038-2008 | 岸上排吸油橡胶软管 | IDT |  |  |  |  |
| 4 | [ISO 2929:2021](https://www.iso.org/standard/63805.html?browse=tc) | Rubber hoses and hose assemblies for bulk fuel delivery by truck — Specification | HG/T 3041-2009 | 油槽车输送燃油用橡胶软管和软管组合件 | IDT |  |  |  |  |
| 5 | [ISO 3862:2020](https://www.iso.org/standard/75649.html?browse=tc) | Rubber hoses and hose assemblies — Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids — Specification | GB/T 10544-2022 | 橡胶软管及软管组合件 油基或水基流体适用的钢丝缠绕增强外覆橡胶液压型 规范 | IDT |  |  |  |  |
| 6 | [ISO 4023:2009](https://www.iso.org/standard/50793.html?browse=tc) | Rubber hoses and hose assemblies for steam — Test methods | GB/T 18425-2014 | 蒸汽橡胶软管和软管组合件 试验方法 | IDT |  |  |  |  |
| 7 | [ISO 4080:2009](https://www.iso.org/standard/44402.html?browse=tc) | Rubber and plastics hoses and hose assemblies — Determination of permeability to gas | GB/T 18422-2013 | 橡胶和塑料软管及软管组合件 透气性的测定 | IDT |  |  |  |  |
| 8 | [ISO 4642-2:2015](https://www.iso.org/standard/68032.html?browse=tc) | Rubber and plastics hoses, non-collapsible, for fire-fighting service — Part 2: Semi-rigid hoses (and hose assemblies) for pumps and vehicles | 2020-0654T-HG | 消防用不可折叠型橡胶和塑料软管 第2部分：消防泵和消防车用半硬性软管（和软管组合件） | IDT |  |  |  |  |
| 9 | [ISO 5771:2008](https://www.iso.org/standard/43694.html?browse=tc) | Rubber hoses and hose assemblies for transferring anhydrous ammonia — Specification | GB/T 16591-2013 | 输送无水氨用橡胶软管及软管组合件 规范 | IDT |  |  |  |  |
| 10 | [ISO 5772:2015](https://www.iso.org/standard/57302.html?browse=tc) | Rubber and plastic hoses and hose assemblies for measured fuel dispensing systems — Specification | HG/T 3037-2019 | 计量分配燃油用橡胶和塑料软管及软管组合件 | MOD | 1.表1中公称内径由21修改为22。 2.表1中公称内径删除了35。 3.表1中公称内径由50修改为45。 4.附录增加了方法B，适用于4型软管。 5.修改了附录I和附录J中项目排序。 |  |  |  |
| 11 | [ISO 6803:2017](https://www.iso.org/standard/68057.html?browse=tc) | Rubber or plastics hoses and hose assemblies — Hydraulic-pressure impulse test without flexing | GB/T 5568-202X | 橡胶或塑料软管及软管组合件 无曲挠液压脉冲试验 | IDT |  |  |  |  |
| 12 | [ISO 6806:2017](https://www.iso.org/standard/68036.html?browse=tc) | Rubber hoses and hose assemblies for use in oil burners — Specification | GB/T 24146-2022 | 用于油燃烧器的橡胶软管和软管组合件 规范 | IDT |  |  |  |  |
| 13 | [ISO 6807:2003](https://www.iso.org/standard/34470.html?browse=tc) | Rubber hoses and hose assemblies for rotary drilling and vibration applications — Specification | GB/T 24145-2009 | 旋转钻探和减震用橡胶软管和软管组合件 规范 | MOD | 1.表1增加了F级、G级两个级别和对应的压力值。 2.表2内径增加了4个规格，细化了最小弯曲半径，增加了各个内径的压力等级。 3.表3内径相应增加了4个规格。 4.表5增加了F级、G级两个级别。 5.6.1.3增加了软管外部连接件、螺纹连接等的压力要求等。 6.6.1.4增加了焊接连接的要求。 7.8.3增加了f)项。 |  |  |  |
| 14 | [ISO 7662:1988](https://www.iso.org/standard/14481.html?browse=tc) | Rubber and plastics hoses — Determination of abrasion of lining | GB/T 20026-2005 | 橡胶和塑料软管 内衬层耐磨性测定 | IDT |  |  |  |  |
| 15 | [ISO 7751:2016](https://www.iso.org/standard/68054.html?browse=tc) | Rubber and plastics hoses and hose assemblies — Ratios of proof and burst pressure to maximum working pressure | GB/T 9574-2017 | 橡胶和塑料软管及软管组合件 验证压力、爆破压力与最大工作压力的比率 | IDT |  |  |  |  |
| 16 | [ISO 8032:1997](https://www.iso.org/standard/21875.html?browse=tc) | Rubber and plastics hose assemblies — Flexing combined with hydraulic impulse test (half-omega test) | GB/T 12722-2008 | 橡胶和塑料软管组合件 液压脉冲曲挠试验（半Ω试验） | IDT |  |  |  |  |
| 17 | [ISO 8033:2016](https://www.iso.org/standard/68055.html?browse=tc) | Rubber and plastics hoses — Determination of adhesion between components | GB/T 14905-2020 | 橡胶和塑料软管 各层间粘合强度的测定 | IDT |  |  |  |  |
| 18 | [ISO 8066-2:2001](https://www.iso.org/standard/32087.html?browse=tc) | Rubber and plastics hoses and hose assemblies for automotive air conditioning — Specification — Part 2: Refrigerant 134a | GB/T 20025.2-2005 | 汽车空调用橡胶和塑料软管及软管组合件 耐制冷剂134a | IDT |  |  |  |  |
| 19 | [ISO 8331:2016](https://www.iso.org/standard/68059.html?browse=tc) | Rubber and plastics hoses and hose assemblies — Guidelines for selection, storage, use and maintenance | GB/T 9576-2019 | 橡胶和塑料软管及软管组合件 选择、贮存、使用和维护指南 | IDT |  |  |  |  |
| 20 | [ISO 10619-3:2011](https://www.iso.org/standard/46022.html?browse=tc) | Rubber and plastics hoses and tubing — Measurement of flexibility and stiffness — Part 3: Bending tests at high and low temperatures | GB/T 5565.3-2017 | 橡胶和塑料软管及非增强软管 柔性及挺性的测量 第3部分：高温和低温弯曲试验 | IDT |  |  |  |  |
| 21 | [ISO 11237:2017](https://www.iso.org/standard/70374.html?browse=tc) | Rubber hoses and hose assemblies — Compact wire-braid-reinforced hydraulic types for oil-based or water-based fluids — Specification | GB/T 39313-2020 | 橡胶软管及软管组合件 输送石油基或水基流体用致密钢丝编织增强液压型 规范 | IDT |  |  |  |  |
| 22 | [ISO/TR 11340:1994](https://www.iso.org/standard/19219.html?browse=tc) | Rubber and rubber products — Hydraulic hose assemblies — External leakage classification for hydraulic systems | GB/Z 18427-2001 | 液压软管组合件 液压系统外部泄漏分级 | IDT |  |  |  |  |
| 23 | [ISO 11759:1999](https://www.iso.org/standard/19679.html?browse=tc) | Rubber hoses and hose assemblies for dispensing liquefied petroleum gases (LPGs) — Specification | GB/T 20689-2006 | 分配液化石油气（LPGs)用橡胶软管及软管组合件规范 | IDT |  |  |  |  |
| 24 | [ISO 13363:2016](https://www.iso.org/standard/63963.html?browse=tc) | Rubber and plastics hoses for marine-engine wet-exhaust systems — Specification | GB/T 39327-2020 | 船用发动机湿式排气系统用橡胶和塑料软管 规范 | IDT |  |  |  |  |
| 25 | [ISO 13774:1998](https://www.iso.org/standard/22512.html?browse=tc) | Rubber and plastics hoses for fuels for internal-combustion engines — Method of test for flammability | GB/T 20024-2005 | 内燃机用橡胶和塑料燃油软管 可燃性试验方法 | IDT |  |  |  |  |
| 26 | [ISO 17324:2014](https://www.iso.org/standard/59582.html?browse=tc) | Rubber hoses for automotive turbochargers — Specification | GB/T 33381-2016 | 汽车涡轮增压器用橡胶软管 规范 | MOD | 国家标准中增加了异型软管的耐真空性能和验证压力的要求。 |  |  |  |
| 27 | [ISO/TR 17784:2003](https://www.iso.org/standard/33236.html?browse=tc) | Rubber and plastics hoses and hose assemblies — Guide for use by purchasers, assemblers, installers and operating personnel | GB/T 24126-2009 | 橡胶和塑料软管及软管组合件 采购者、组装者、安装者和操作者使用指南 | IDT |  |  |  |  |
| 28 | [ISO 19013-2:2016](https://www.iso.org/standard/65369.html?browse=tc) | Rubber hoses and tubing for fuel circuits for internal combustion engines — Specification — Part 2: Gasoline fuels | GB/T 24141.2-2022 | 内燃机燃油管路用橡胶软管和纯胶管 规范 第2部分：汽油燃料 | IDT |  |  |  |  |
| 29 | [ISO 23297:2017](https://www.iso.org/standard/72844.html?browse=tc) | Thermoplastic hoses and hose assemblies — Wire or synthetic yarn reinforced single-pressure types for hydraulic applications — Specification | GB/T 39311-2020 | 热塑性软管和软管组合件 液压用钢丝或合成纱线增强单一压力型 规范 | IDT |  |  |  |  |
| 30 | [ISO 28017:2018](https://www.iso.org/standard/72842.html?browse=tc) | Rubber hoses and hose assemblies, wire or textile reinforced, for dredging applications — Specification | HG/T 2490-2011 | 疏浚工程用 钢丝或织物增强的橡胶软管及软管组合件 规范 | MOD | 1.修改了最低适用温度范围，由“-10℃”改为“-20℃”。 2.增加了公称内径为1300规格的软管。 3.修改了软管组合件长度公差，由“±2%”改为“±1%”。 4.增加了内衬层、外覆层材料的物理机械性能。 |  |  |  |
| 31 | [ISO 28702:2008](https://www.iso.org/standard/44889.html?browse=tc) | Rubber and plastics hoses and tubing — Textile-reinforced types — Sub-ambient temperature crush test | GB/T 39249-2020 | 橡胶和塑料软管及非增强软管 织物增强型 低温压扁试验 | IDT |  |  |  |  |
| 32 | [ISO 30013:2011](https://www.iso.org/standard/45700.html?browse=tc) | Rubber and plastics hoses — Methods of exposure to laboratory light sources — Determination of changes in colour, appearance and other physical properties | 20214107-T-606 | 橡胶和塑料软管 实验室光源暴露试验法 颜色、外观和其它物理特性变化的测定 | IDT |  |  |  |  |
| 33 | ISO 3996:1995 | Road vehicles — Brake hose assemblies for hydraulic braking systems used with non-petroleum-base brake fluid | GB/T 7127.1-2000 | 使用非石油基制动液的道路车辆 液压制动系统用制动软管组合件 | IDT |  |  |  |  |
| 34 | ISO 6120:1995 | Road vehicles — Brake hose assemblies for hydraulic braking systems used with petroleum-base brake fluid | GB/T 7127.2-2000 | 使用石油基制动液的道路车辆 液压制动系统用制动软管组合件 | IDT |  |  |  |  |