INSPEC International Limited — **2023 InterLaboratory Comparison Schedule** — **Issue 2023-11-27**

See the LEGEND at the bottom for the key to the colour coding. Additions/changes shown in blue text.

PPE	ID	TOPIC	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Aquatics	22-116	Personal flotation devices, Measurement of freeboard, ISO 12402-9												
	23-136	Diving suits, Thermal performance of wetsuit materials, EN 14225-1:2017, §5.4.3/Annex A												
Clothing	23-001	Dimensional change due to INDUSTRIAL washing and drying, ISO 13688 / 15797 / 5077												
	23-002	Surgical/protective clothing, Water penetration, Hydrostatic test, EN 13795-1 / ISO 811												
	23-012	Liquid permeation, ISO 6529												
	23-013	Textiles, Determination of antibacterial activity, ISO 20743:2021												
	23-022	Liquid pesticide repellency, retention and penetration, ISO 22608												
	23-032	Electrostatic properties, Surface resistivity, EN 1149-1												
	23-033	Surgical clothing, Dry microbial penetration, EN 13795-1 / ISO 22612												
	23-043	Dimensional change due to DOMESTIC washing and drying, ISO 13688 / 6330 / 5077												
	23-044	Mechanical performance, EN 14325, §4.5/4.7/4.9/4.10												
	23-054	Surgical clothing, Wet bacterial penetration, EN 13795-1 / ISO 22610:2018												
	23-065	Determination of pH of aqueous extract, ISO 3071												
	23-076	High visibility clothing, Retroreflectivity, ISO 20471, §6.1												
	23-077	Electrostatic properties, Resistance through a material, EN 1149-2												
	23-087	Surgical clothing, Particle release, EN 13795-1 / ISO 9073-10												
	23-134	Cut resistance, ISO 13997:1999 - *Also Hand/Arm*												
	23-091	Cut resistance, ISO 13997:2023 - *Also Hand/Arm*												
	23-130	Convective heat resistance using a hot air circulating oven, ISO 17493												
	23-097	Liquid penetration, ISO 6530												
	23-108	Surgical clothing, Wet bacterial penetration, EN 13795-1 / ISO 22610:2006												
	23-109	Fire fighters protective clothing, Radiant heat, EN 469												
	23-119	Surgical clothing, Tensile strength, EN 13795-1 / EN 29073-3												
	23-133	High visibility clothing, Chromaticity and Luminescence, ISO 20471, §5.1/5.2												
Eye and Face	23-003	Wide angle scattered light / Haze, ISO 12311 / ISO 18526-2 / ANSI Z80.3 / ANSI Z87.1												
	23-014	Resistance to fogging, EN 168 / ISO 18526-3 / ANSI Z87.1												
	23-129	Photochromic performance, ISO 12311 / ISO 18526-2 / ANSI Z80.3												
	23-034	Protection against large dust particles, EN 168 / ISO 18526-3 / ANSI Z87.1												
	23-045	Refractive powers, EN 167 / ISO 12311 / ISO 18526-1 / ANSI Z80.3												
	23-023	High velocity impact, ANSI Z87.1												
	23-056	Transmittance (UV/Vis/IR), ANSI Z80.3 / ANSI Z87.1 / ISO 12311 / ISO 18526-2												
	23-078	Refractive powers, ANSI Z87.1												
	23-066	Resistance to surface damage by fine/flying particles, EN 168 / ISO 18526-3												
	23-088	Polarizing sunglasses, Polarization, ISO 12311:2013, §7.10 / ISO 18526-2, §15 / ANSI Z80.3												
	23-055	Resistance to high speed particles / ballistics impact, EN 168 / ISO 18526-3												
	23-098	Narrow angle scattered light, EN 167 / ISO 18526-2												
	23-130	Convective heat resistance using a hot air circulating oven, ISO 17493												
	23-110	Resistance to ultraviolet radiation, EN 168 / ISO 18526-3 / ANSI Z80.3												
	23-120	Luminous transmittance, EN 167 / ISO 18526-2 / ANSI Z80.3 / ANSI Z87.1												
Fall	23-004	Energy absorber, Dynamic performance, EN 355												
	23-015	Retractable fall arresters, Dynamic performance, EN 360												
	23-024	Kernmantel rope, Peak force and dynamic performance, EN 1891												
	23-035	Adjustable lanyard, Static and dynamic slippage, EN 358:2018												
	23-046	Full body harness, Dynamic feet first drop test, ANSI Z359.11, §4.3.3												
	23-057	Corrosion, Salt spray, ISO 9227 / ASTM B117 / ANSI Z359.12												
	23-067	Fall arrester, Dynamic performance, EN 353-2												
	23-079	Energy absorber, Dynamic performance, ANSI Z359.13												
	23-089	Dynamic mountaineering rope, Dynamic elongation and peak force, EN 892												
	23-099	Adjustable lanyard, Static and dynamic slippage, ANSI Z359.3:2019												
	23-111	Fall arrester, Dynamic performance, ANSI Z359.15												
	23-121	Self retracting device, Dynamic performance, ANSI Z359.14: 2021												
Foot and Leg	23-016	Slip resistance, ISO 20344:2011, §5.11 / ISO 20344:2021, §5.14												
	23-025	Water vapour characteristics, §6.6, 6.7, 6.8 of ISO 20344:2011 and ISO 20344:2021												
	23-036	Compression resistance of the toecaps, §5.5 of ISO 20344:2011 and ISO 20344:2021												
	23-047	Penetration/Perforation resistance of the sole, ISO 20344:2011, §5.8 / ISO 20344:2021, §5.9												
	23-058	Upper/outsole and sole interlayer bond strength, §5.2 of ISO 20344:2011 and ISO 20344:2021												
	23-005	Electrical resistance, ISO 20344:2011, §5.10 / ISO 20344:2021, §5.13												
	23-068	Energy absorption of the seat region, ISO 20344:2011, §5.14 / ISO 20344:2021, §5.17												
	23-080	Impact resistance of the toecaps, §5.4 of ISO 20344:2011 and ISO 20344:2021												
	23-131	Perforation inserts (non-metallic), Resistance to nail perforation, ISO 22568-4:2021, Annex A/B												
	23-100	Abrasion resistance of the outsole, ISO 20344:2011, §8.2 / ISO 20344:2021, §8.4												
	23-102	Insulation against cold, ISO 20344:2011, §5.13 / ISO 20344:2021, §5.16												
	23-112	Flexing resistance of outsole, ISO 20344:2011, §8.4 / ISO 20344:2021, §8.6												
	23-130	Convective heat resistance using a hot air circulating oven, ISO 17493												
	23-101	Toecaps, Impact resistance, ISO 22568-1:2019, §5.3												
	23-113	Insulation against heat, ISO 20344:2011, §5.12 / ISO 20344:2021, §5.15												
	23-122	Perforation inserts (metallic), Resistance to nail perforation, ISO 22568-3:2019, §5.1												
	23-090	Outsole resistance to hot contact, ISO 20344:2011, §8.7 / ISO 20344:2021, §8.9												
	23-123	Toecaps, Compression resistance, ISO 22568-1:2019, §5.4												
Hand and Arm	23-006	Thermal risks, Limited flame spread, EN 407, §6.2												
	23-017	Medical gloves, Force at break, EN 455-2 / ASTM D412												
	23-026	Liquid penetration, EN 374-2												
	23-037	Thermal performance, Heat transfer, EN 407, §6.3/6.4/6.5												
	23-048	Liquid permeation, EN 16523-1												
	23-059	Mechanical performance, EN 388 / ISO 23388, §6.1/6.2/6.4/6.5												
	23-062	Impact abrasion resistance, EN 13594, §6.8 - *Also Motorcyclists*												
	23-069	Electrically insulating gloves, AC proof test, ASTM F496 / ASTM D120 - Class 0												
	23-070	Electrically insulating gloves, AC proof test, ASTM F496 / ASTM D120 - Class 2												
	23-081	Impact resistance, EN 388 / ISO 23388, §6.6												
	23-134	Cut resistance, ISO 13997:1999 - *Also Clothing*												
	23-091	Cut resistance, ISO 13997:2023 - *Also Clothing*												
	23-103	Electrically insulating gloves, AC Proof test, IEC 60903												
	23-130	Convective heat resistance using a hot air circulating oven, ISO 17493												
	23-114	Gloves, Degradation by chemicals, ISO 374-4												
	23-124	Gloves, Impact abrasion resistance, Reference canvas only, EN 13594, §6.8 - *Also Motorcyclists*												
Head	23-007	Bicycle helmets, Dynamic strength retention, ASTM F1447												
	23-018	Industrial helmets, Shock absorption, EN 397												
	23-027	Equestrian helmets, Retention system, Dynamic loading, ASTM F1163												
	23-038	Industrial helmets, Force transmission, ANSI Z89.1-2014 (R2019)												
	23-049	Shock absorption / Impact attenuation, Accelerometer method, using an MEP					S	S	S	S	S	S	S	
	23-060	Cyclists helmets, Retention system strength, EN 1078, §5.5 / EN 13078-5, §5.4												
	23-071	Bicycle helmets, Impact attenuation, ASTM F1447												
	23-132	Industrial helmets, Lateral deformation, EN 397												
	23-082	Force transmission, Load cell method, using an MEP								S	S	S	S	S
	23-092	Industrial helmets, Impact energy attenuation, ANSI Z89.1-2014 (R2019)												
	23-104	Equestrian helmets, Impact attenuation, ASTM F1163-2023												
	23-130	Convective heat resistance using a hot air circulating oven, ISO 17493												
	23-115	Cyclists helmets, Shock absorption, EN 1078, §5.4 / EN 13078-2, §5.3												
	23-125	Industrial helmets, Retention system strength, EN 13087-5, §5.2.3.2												
	23-135	Equestrian helmets, Lateral compression, ASTM F1163-2023												
Hearing	23-008	Earplugs, Real-ear attenuation, ANSI S12.6:2020												
	23-009	Helmet mounted earmuffs, Insertion loss, EN 13819-2												
	23-019	Headband earmuffs, Insertion loss, EN 13819-2												
	23-020	Headband earplugs, Headband force, ANSI S12.6:2020, Ref Annex D												
	23-028	Headband earplugs, Real-ear attenuation, ANSI S12.6:2020												
	23-039	Earplugs, Attenuation, EN 13819-2												
	23-050	Headband earmuffs, Headband force and cushion pressure, EN 13819-1												
	23-061	Headband earmuffs, Attenuation, EN 13819-2												
	23-072	Helmet mounted earmuffs, Real-ear attenuation, ANSI S12.6:2020												
	23-083	Helmet mounted earmuffs, Headband force and cushion pressure, EN 13819-1												
	23-093	Helmet mounted earmuffs, Attenuation, EN 13819-2												
	23-105	Headband earplugs, Attenuation, EN 13819-2												
	23-116	Headband earmuffs, Headband force, ANSI S12.6:2020, Annex D												
	23-126	Headband earmuffs, Real-ear attenuation, ANSI S12.6:2020												
Motorcyclists	23-010	Boots, Impact cut resistance, EN 13634, §4.4.5												
	23-029	Visors, Transmittance (luminous, spectral, signal lights), UNECE Reg 22.06, §7.8.3.2.1.1												
	23-040	Back protectors, Impact attenuation, EN 1621-2, §5.1												
	23-051	Boots, Impact energy protection of ankle & shin, EN 13634, §6.2												
	23-062	Gloves, Impact abrasion resistance, EN 13594, §6.8 - *Also Hand/Arm*												
	23-073	Limb joint protectors, Impact attenuation, EN 1621-1, §6.3												
	23-084	Visors/goggles, Light diffusion/Abrasion, UNECE Reg 22.06, Annex 10 & 11 / EN 1938												
	23-094	Helmets, Impact performance using an MEP, UNECE Regulation 22.06									S			
	23-117	Garments, Tear strength, EN 17092												
	23-124	Gloves, Impact abrasion resistance, Reference canvas only, EN 13594, §6.8 - *Also Hand/Arm*												
Respiratory	23-011	Medical face masks, Particulate filtration efficiency, ASTM F2299												
	23-021	Breathing resistance using a mask, EN 149, §8.9												
	23-030	Filtering half masks, Total inward leakage, EN 149, §8.5												
	23-031	Gas filter capacity, EN 14387 / ISO 16900-4												
	23-041	Filtering half masks, Flammability, EN 149, §8.6												
	23-042	Medical face masks, Bacterial filtration efficiency, ASTM F2101 / EN 14683, Annex B												
	23-052	Filtering half masks, Dust clogging, EN 149, §8.10												
	23-053	Particulate filter efficiency, Sodium chloride, NIOSH STP-0059												
	23-063	Medical face masks, Breathability, EN 14683, Annex C / ASTM F2100												
	23-064	Carbon dioxide content of inhalation air using a transfer standard							S	S	S	S	S	S
	23-074	Filtering facepiece respirators, Breathing resistance, NIOSH STP-0003/0007												
	23-075	Particle filter penetration, Sodium chloride aerosol, EN 13274-7 / EN 149												
	23-085	Medical face masks, Resistance to penetration by synthetic blood, ASTM F1862												
	23-086	Breathing resistance using transfer standards								S	S	S	S	S
	23-095	Medical face masks, Bioburden, EN 14683, Annex D												
	23-096	Carbon dioxide content of inhalation air, ISO 16900-9 / EN 149, §8.7												
	23-106	Liquid filter penetration, Paraffin oil aerosol, EN 13274-7 / EN 149, §8.11												
	23-107	Breathing resistance using encapsulated filters, EN 143 / EN 14387 / EN 13274-3												
	23-130	Convective heat resistance using a hot air circulating oven, ISO 17493												
	23-118	Filtering halfmasks with ear-loops, Total inward leakage, EN 149, §8.5												
	23-127	Full face masks, Field of vision, ISO 16900-11 / EN 136												
	23-128	Medical face masks, Splash resistance, EN 14683, §5.2.4												

LEGEND

- Planned starting month (Issuing expression of interest email)
- Started and registrations invited
- In progress and registrations closed
- Analysis/report pending or ILC completed or withdrawn
- S=Sequential

This schedule is subject to frequent update.
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ILCs will be offered as shown in the table above. However, their implementation is dependent upon there being sufficient interest.