

The standards behind your facility conditions, and the evidence RSA provides

A reference for venue operations, sports medicine and team operations leaders. It maps each area we assess to the guidance and requirements that commonly apply, alongside the evidence a Risk Surveillance Assurance engagement (RSA) can put in your teams' hands.

Area	Guidance and requirements that commonly apply	Evidence an RSA engagement can provide
Heat and thermal conditions	• NATA position statement on exertional heat illnesses (WBGT-based activity guidance) • ANSI/ASHRAE Standard 55, Thermal Environmental Conditions for Human Occupancy • OSHA heat illness guidance and state workplace heat rules where they apply	• Measured heat stress across the field, benches, seating and back-of-house • Verification that heat-response triggers match measured conditions • A record of when conditions crossed thresholds and what was done
Air quality and ventilation	• ANSI/ASHRAE Standard 62.1, Ventilation and Acceptable Indoor Air Quality • ASHRAE Standard 241, Control of Infectious Aerosols • Local mechanical and building codes	• Measured ventilation, filtration and air quality at real occupancy • Comparison against design and standard criteria • Findings prioritized by exposure and occupancy
Water systems	• ANSI/ASHRAE Standard 188, Legionellosis: Risk Management for Building Water Systems • CDC Model Aquatic Health Code (pools, spas and therapy pools) • State and local health department pool and food-service codes	• Independent sampling of hydrotherapy, cold tubs, ice machines, cooling towers and building water • Verification that control limits and corrective actions work in practice • A documented record of deviations and closure

Shared surfaces and equipment	• CDC guidance on environmental cleaning and disinfection • Team and league health protocols for shared facilities	• Environmental biological signature sampling on high-touch surfaces and shared gear • Accredited laboratory analysis with chain of custody • Evidence of how well cleaning works in practice
Life safety and event-day resilience	• NFPA 101, Life Safety Code (assembly occupancies) • Local fire and building codes • Venue emergency action and event operations plans	• Condition findings on chillers, air handlers and backup power • Event-day failure scenarios tested against your plans • Remediation and capital priorities
Response and verification	• Venue and team operating procedures • Insurer and broker loss-control reviews	• A tested view of how issues are found, escalated, corrected and confirmed fixed across team, venue and vendors • One evidence file organized against the requirements above

How to use this. Your sports medicine, operations and facilities leaders stay in control. RSA doesn't replace your protocols or plans. It adds independent, measured evidence to them, organized so your teams can find it when it's needed.

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