



Ergonomic Technologies Corp.

Ergonomic Risk Assessment & Workplace Injury Prevention Solutions
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Overview of ETC Services

Ergonomic Results within Reach

Work should fit the people doing it. ETC's consulting services optimize the human-work interface reducing injury, cutting error, and improve performance through a proven ergonomics process that addresses how people work: physically, environmentally, and psychosocially.

INTRODUCTION

Ergonomics that goes to the root of the problem

Effective ergonomics doesn't treat symptoms it eliminates causes. ETC's approach addresses workplace risk across three interconnected dimensions that together determine how safely, comfortably, and productively people can do their work.

By evaluating and addressing all three, ETC delivers programs that go beyond surface-level fixes, creating workplaces that are genuinely safer, more comfortable, and more productive.

Proven results: USPS Ergonomic Strategic Partnership

The impact of this integrated approach is measurable. Through a multi-year Ergonomic Strategic Partnership with the U.S. Postal Service, ETC led an Ergonomic Risk Reduction Process (ERRP) focused on reducing musculoskeletal disorders (MSDs) across USPS facilities. Sites that completed the full three-year process achieved results that speak for themselves.

THREE INTERCONNECTED DIMENSIONS

Physical

- Working postures
- Anthropometry
- Workstation layout
- Equipment design
- Lighting

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Environmental

- Air quality
- Temperature
- Humidity
- Noise

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Psychosocial

- Workload
- Task characteristics
- Work organization
- Job demands
- Psychological stress

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**Safer · Healthier
More Productive**
workplaces for the people in them

USPS ERGONOMIC STRATEGIC PARTNERSHIP — FULL 3-YEAR ERRP RESULTS

38%
reduction in MSD
recordable rate

40%
reduction in handling
& lifting injury rate

\$1.8M
saved in workers' comp
medical costs (39% reduction)

35%
lower MSD rates vs.
non-ERRP sites

18%
lower handling & lifting
rates vs. non-ERRP sites

77K+
employees trained
across USPS facilities

Nearly 7,000 ergonomic task analyses conducted · 3,600 fixes implemented across USPS sites

Source: ETC / USPS Ergonomic Strategic Partnership

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SERVICES AT A GLANCE

ETC CORE SERVICES	
■ Corporate Audits & Program Development	■ Risk Assessment & Program Management
■ Education & Training	■ Product, Tool & Equipment Assessment
■ Ergonomic Specifications	■ Functional Capacity Assessments

Corporate Audits & Ergonomic Program Development

ETC's corporate audit process delivers a comprehensive, objective assessment of your organization's ergonomic status providing the foundation for a structured, sustainable improvement program.

- Facility walk-through to identify hazards across all work areas
- Review of all pertinent records; OSHA logs, medical reports, and workers' compensation data
- Objective ergonomic status assessment conducted by a Certified Professional Ergonomist
- Structured meetings with management, engineering, safety/health, medical, and operations personnel
- Detailed status report including:
 - Policy and procedure guidelines
 - Assessment of existing workplace interventions and training efforts
 - Identification and prioritization of risk factors
 - Draft ergonomics program and action plan tailored to your organization

Risk Assessment, Solutions & Program Management

ETC conducts rigorous, job-level ergonomic evaluations that quantify risk and drive targeted intervention with solutions scaled to the complexity and urgency of each hazard.

- Ergonomic job evaluation across tasks, tools, and environments
- Risk level assignment using validated, industry-recognized assessment methodologies
- Solutions and recommendations for reducing ergonomic stressors:
 - Off-the-shelf ergonomic products
 - Administrative controls — scheduling, rotation, and rest break strategies
 - Work method controls — revised procedures and body mechanics guidance
 - Engineering modifications to the job or workstation
 - New job design, where indicated

Education & Training

ETC delivers tailored ergonomics training programs for every level of the organization from executive awareness sessions to hands-on technical training for engineers and frontline employees.

- Ergonomics awareness training for managers and supervisors
- Industrial ergonomics training for engineers
- Ergonomics training for safety, health, and medical personnel

- Employee-level ergonomics training
- Office ergonomics training; including Train-the-Trainer and One-on-One Workstation Evaluations
- Customized training programs designed for specific industries, job types, or risk profiles

Product, Tool & Equipment Assessment

ETC provides independent, expert evaluation of products, tools, and equipment ensuring that what employees use is designed to support safe, efficient performance.

- Expert ergonomic review of existing products and tools
- Comparative Best-in-Class analysis across product categories
- In-depth ergonomic assessment of new product designs prior to deployment
- Evaluation of design suitability for the intended end-user population
- Design recommendations addressing:
 - Comfort and fit for diverse user populations
 - User performance and task efficiency
 - Usability across intended use conditions

Ergonomic Specifications

ETC develops detailed ergonomic specifications that provide design teams, procurement, and facilities with clear, evidence-based criteria for workplace decisions.

- Process specifications: ergonomic requirements embedded in standard operating procedures
- Product, equipment, and tool specifications: performance and dimensional criteria for procurement and design
- Human/product interaction specifications: defining how people interface with equipment, controls, and systems

Functional Capacity Assessments

ETC develops and delivers Functional Capacity Assessment protocols to support employee hiring, placement, and return-to-work decisions ensuring job demands are matched to individual capabilities in a legally defensible, objective manner.

- Job-specific physical demand analysis
- Functional capacity evaluation protocols for hiring and placement
- Return-to-work assessment and accommodation planning
- Documentation supporting compliance with applicable employment and occupational health standards

Contact ETC to Discuss How Your Business Can Profit Through Ergonomics

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