LBTO Site Safety Orientation

Large Binocular Telescope Observatory
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Objectives

• Understand the hazards of working at the LBTO and how to control or mitigate the risk.
• Understand LBTO site safety requirements and basic site protocols.
• Understand what to do in an emergency or when an injury or incident occurs.
LBTO Top-Level Safety Policy

• Safety is a core value at LBTO.

• We can work injury- and incident-free, and all accidents are preventable.

• We are committed that everyone goes home safe.

• For further information, see:
  • HSE Manual, Ch. 3.0 Health, Safety and Environmental (HSE) Policy, Responsibilities, and Commitment

Make the safe choice...
Why choose safety?

• Think of the people and things you love...
  • Caring/providing for your family and friends, cooking, maintaining your home or property
  • Playing with your children and/or pets, holding a child or grandchild, coaching or playing sports, arts & crafts
  • Riding a bicycle, motorcycle, dirt bike or driving a vehicle
  • Hiking, hunting, fishing, enjoying the outdoors, travel

• Injuries could negatively impact your life.

Everyone Goes Home Safe

Make the safe choice...
Your Role in Safety

• **Be aware** of your surroundings and practice “situational awareness.”

• **Be responsible** for your own safety, for the safety of others, and for the safety of the equipment.

• **Identify and correct** hazards & unsafe conditions.

• **Report** injuries, incidents, near-misses, & unsafe conditions to the manager on duty at the telescope.

• **Follow all LBTO requirements**, procedures, and best practices. Comply with federal and state safety regulations.

• **Stop work and ask for help** if you perceive the work to be unsafe, or insufficiently planned or resourced.

• **Communicate** openly, clearly and often.

• **Pursue continuous improvement** in our safety performance. We can and should always be improving.

Make the safe choice...
Nothing but time...

• Slow it down.
• Don’t take risks.
• Stop and re-assess when plans or conditions change.
• Call the team together and talk it over.
• Plan the work, and work the plan.
Stop Work Authority (SWA)

LBTO Policy: M004s00202

• Anyone working at or visiting the LBT has authority to call a “stop work” to any real or perceived unsafe act or condition.

• Call “Stop Work” for conditions or behaviors that threaten danger to person(s), equipment or the environment. Situations that warrant a SWA may include, but are not limited to the following:
  • Alarms
  • Change in conditions
  • Changes to scope of work or work plan
  • Emergency situation
  • Equipment used improperly
  • Lack of knowledge, understanding or information
  • Near-miss incident
  • Unsafe conditions

• Announce “Stop Work” to the Crew or Manager present.

• Everyone must honor a stop work request with respect and professionalism.

Make the safe choice...
Important Web Links

• LBTO Safety Web Page (Wiki)
  • [https://wiki.lbto.org/Safety/WebHome](https://wiki.lbto.org/Safety/WebHome)
  • Includes:
    • LBTO Health, Safety, Environmental Manual & By Topic Guide
    • Safety Vision, Principles and Guiding Policy
    • Visitor Safety Instructions (registration, training, access)
    • Emergency Planning and Response
    • Forms & Documents Links

• MGIO Visitor Information Page
  • [https://mgio.arizona.edu/observers-staff-and-contractors-0](https://mgio.arizona.edu/observers-staff-and-contractors-0)

Make the safe choice...