



TAKE FIVE for Safety-Work Planning and Control

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Work Planning and Control

Work Control Coordinator

- Screens the work per Work Planning and Control Subject Area Screening Tool:
 - Worker Planned
 - Permit Planned
 - Prescribed
- Plans work within one of the three categories above
- Screens the work for USI per OPM 1.10.1
- If the work involves Electrical Hazards:
 - Electrical Competent Person completes Electrical Planning and Briefing
 - Independent Electrical Reviewer completes review



Off-Hours Work- OPM 2.28.1





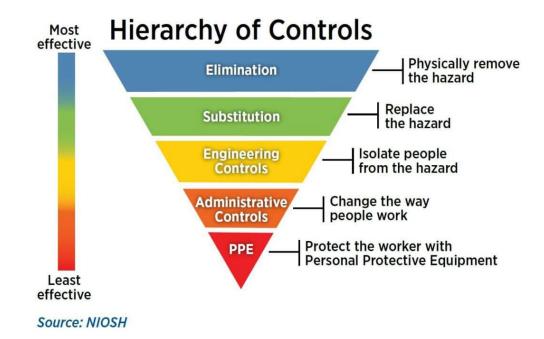
Safe Conduct of Research in Work Planning

- Everyone is personally responsible for ensuring safe operations.
- Staff raise safety concerns because trust permeates the organization.
- Cutting-edge science requires cutting-edge safety.
- A questioning attitude is cultivated.
- Hazards are identified and evaluated for every task, every time.
- A healthy respect is maintained for what can go wrong.



Identify, Evaluate, and Control Hazards

- Hazardous Energy
- Chemical Use
- Radiation
- Noise
- Lasers
- Heights/Fall Hazards/Ladders
- Working Surfaces
- Material Handling
- Moving Machine Parts
- Confined Spaces
- Atmospheric Hazards (ODH, Toxic Fumes, Gases, etc)
- Environmental Hazards
- Etc.





Consider Human Performance Factors

- People are fallible, and even the best people make mistakes.
- Error-likely situations are predictable, manageable, and preventable.
- Individual behavior is influenced by organizational processes and values.
- People achieve high levels of performance because of the encouragement and reinforcement received from leaders, peers, and subordinates.
- Events can be avoided through an understanding of the reasons mistakes occur and application of the lessons learned from past events (or errors).



Key Messages

- The Planning must ensure conformance with several requirements in SBMS, including (but not limited to) Work Planning and Control, Accelerator Safety, Electrical Safety, Lockout-Tagout.
- The Work Planning process is the same, regardless of the time of day or sense of urgency.
- Planning can ensure that we identify and mitigate hazards.
- Time pressure and Stress are recognized Error Precursors; These can be managed through planning.

