

## SAFETY OBSERVATION REPORT

<b>Observers:</b> I. Ben-Zvi, D. Lowenstein, J. Tuozzolo, T. Roser, M. Anerella, E. Lessard		<b>Date:</b> 8/28/08	<b>Duration:</b> 1.0 Hr.	<b>STAR and PHENIX Experimental Areas</b>		
<b>Observation Categories</b>		<b>Observation Questions:</b>				
POS	In risky position relative to task? Protection OK?		Exposed to risks of temperature/electricity/gas/chemicals/radiation?			
ERG	Risks from: posture, repetitive motion, load, vibration, temperature, lighting, noise, work flow?					
PPE	Correct PPE? All parts of the body properly protected?		In safe condition?			
T&E	Is tool, equipment or facility right for the job? Used correctly?		In safe condition?			
PRO	Is there a standard procedure? Followed?		Is procedure adequate?	Up to date?	Understood?	
ORD	Is workplace orderly? Is there a place for all materials and equipment?		Adequate space? All in its place?			
ASF	No unsafe acts or conditions identified					
<b>Work Area or Location</b>	<b>Number of Contacts</b>	<b>Description of unsafe acts</b>	<b>Observation Category</b>	<b>Follow-up Action</b>	<b>Person Responsible</b>	<b>By Date</b>
STAR	1	<b>No unsafe acts observed.</b>  <b>Positives:</b> The work areas were clean and organized. Hazard warnings were posted. The worker was able to discuss the work planning that was performed. For example, the worker discussed locking the area to prevent theft after the day's work was done. The worker noted that Plant Engineering had been very responsive to STAR's infrastructure needs as of late. For example, lighting, lock maintenance, bathroom maintenance, indoor carpet, and outdoor walking-surface drainage had been or will be taken care of soon.	ASF			

PHENIX	4 to 5	<p><b>No unsafe acts observed.</b></p> <p><b>Positives:</b> The work areas were clean and organized. Hazard warnings were posted and up to date. The workers and users in the area discussed work planning and were aware of the PPE requirements. Daily work control meetings were held, and work planners visited the work area periodically. A user indicated that detector disassembly was occurring at this time and 5 or 6 students were involved. All students were trained in User Training, Scaffold Safety, and Confined Space. Each evening the user met with the students to discuss the next day's mission. Safety is discussed at these meetings. The user indicated he assigned two students to one supervisor during each work day. Although the user did not use the term, 'work planning,' it was evident that it was occurring on a daily basis.</p>	ASF		
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**COMMENT:**

A security concern was raised in the PHENIX parking area near the roadway where expensive amounts of aluminum scaffolding are stored in an open box. This was considered enough metal to be a target of theft. Don Lynch from the PHENIX collaboration was made aware of this issue and will seek to cover the open box in order to keep the aluminum from casual view. Additionally, Don indicated that a new storage box with a cover was to be built closer to the experiment hall and that keys to fork lifts and other heavy lifting equipment in the immediate area were locked up.

A road hazard was created after the recent Summer Sunday Tour program. Metal spikes were left protruding upward from the blacktop. They were used to hold up tents that were removed. However the spikes, which penetrated deep into the blacktop, were covered by orange safety cones and left in place for later removal by union labor. These spikes need to be removed now since they are hazardous to people and to vehicles. The Head of the C-AD ESSHQ Division was alerted and the spikes are being removed at this time.