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To: "Brandy Rogers" <brogers@jlab.org>
Sent: Monday, November 9, 2015 5:21:39 PM
Subject: SAF130A - Pressure Systems Hazard Awareness Training Announcement

All,

You are receiving this e-mail because you have at one time been trained in Pressure and Vacuum Systems Hazard Awareness, SAF130A.

The purpose of this e-mail is to provide more information on the timeline and steps to fully implement the revised programs for both Pressure Systems and Welding/Brazing as announced in the recent "Weekly Briefs".

While we are launching the revised programs, the Pressure Systems and Welding Committees fully recognize that it will take some time for staff to become familiar with the revisions in the programs and understand how the changes apply to their work. With that in mind we have recommended to Lab Leadership (and they have accepted) the following implementation plan:

1. ES&H Manual Chapter 6151, the Pressure and Vacuum System Safety Supplement and the Welding and Brazing Program Supplement will be uploaded to the ES&H Manual website: <https://www.jlab.org/ehs/ehsmanual/index.html> and the Pressure Systems website: https://www.jlab.org/eng/pressure_systems/index.html. The old version of Chapter 6151 will also remain available on the Pressure Systems website.
2. The Welding and Brazing Program Supplement revision will take effect on January 4, 2016.
3. Any new projects or new repair/alteration activities must follow the new Pressure and Vacuum System Safety Supplement requirements as of January 4, 2016.
4. Any currently "in-process" systems under design, construction, repair or alteration will continue to follow the current program (Rev. 3.3 of 6151) until completion. However, as of January 4, 2016, the Design Authority for an "in-process" system may decide to adhere to the revised program.
 - a. If a decision is made to switch to the revised program then an entry must be made in the project files noting the switch.
 - b. If Rev. 3.3 is followed, the Design Authority must also complete Forms PS-1, PS-4 and PS-5; create and file a P&ID; and complete the steps defined in Part 2: Sections 10 and 11 of the new Pressure Systems Supplement.Design Authorities are encouraged to familiarize themselves with the revised program as the "exceptions" and provisions defined in the new program could be beneficial for ongoing projects.

Program components, "Operation and Maintenance" and "In-Service Inspection Program", involving System Owners will be phased in as these individuals are identified and trained.

We have updated SAF130A Pressure and Vacuum Systems Hazard Awareness training to reflect

the revised program. All those who have been trained prior to December 15, 2014 must retake this class before December 14, 2015. The on-line refresher version is available at: https://www.jlab.org/div_dept/train/webbasedtraining.html .

Additional training for Design Authorities and System Owners will be required:

1. A new version of SAF130B for Design Authorities (DA), both current and those who wish to become a DA, is mandatory. Offered in December, 2015 (exact date TBD), the course will introduce the revised program by explaining its structure, major changes and what you should focus on when performing work on pressure systems. Look for the announcement in the "Weekly Briefs".
2. System Owners and DA's will be required to take SAF130C for System Owners. This training will be phased in as System Owners are identified. Initial training sessions will start 1st Quarter of 2016.

The Lab has purchased Asset Integrity Management System software designed to aid in maintaining our inventory of operating pressure systems, highlight in-service inspection requirements and simplify storage of documentation. Adaptation of the software to our systems is in-process. A select group of projects will be chosen to prove out the system before it is mainstreamed. Information of the progress of this implementation and the associated training will be forthcoming.

The Pressure Systems Committee has started an effort to inventory all operating pressure systems and provide a base level of documentation. As the team moves through the site they will work with "area managers" to document existing systems and identify System Owners. After completing the inventory and documentation of an area, identified System Owners will receive necessary training in order to begin implementation of Part 8 "Operation and Maintenance" and Part 9 "Pressure Equipment In-service Inspection". It is anticipated that this effort will take approximately 18 months (~May, 2017) to complete.

If you have questions about this e-mail or the revised programs please contact:

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