

**Hanford ALARA Center and
D&D Knowledge Management Hotline
Information Update
October 9, 2009**

ALARA Center Activities and Information

1. Horizon Distribution and Grainger are hosting an Alliance Partners vendor show on Thursday, October 15, from 10:00 AM to 4:00 PM in the Al Alm vehicle bay at HAMMER. This is your opportunity to meet vendors, learn about the latest technology and participate in hands-on demonstrations. Vendors representing safety equipment, tooling, and everything your facility needs to support your work will be available to answer questions. I hope to see you at the show.
2. Here at Hanford outdoor work is common and bug bites can be a problem if not addressed. National Safety (www.nationalsafetyinc.com) provided some Deet free solutions like “Bite Blocker”, “Bug Band”, and “Cutter Advanced” (photos below) that might help you prevent bug bites and stings. For more information about these products contact Forrest Willbanks at (509) 929-7175.



3. A WCH engineer visited the ALARA Center to discuss fixatives and remote coating systems that could be used to remotely coat the inside of a hot cell. We looked at several tank washing nozzles that might be of help to apply fixatives in a 360 degree pattern, some examples are at http://www.bete.com/spraypatterns/tank_index.html. We also looked into fogging systems and paint applicators. The engineer will discuss and evaluate the ideas with the WCH planning team.
4. The ALARA Center Fixative List has been revised to add DeconGel. Please contact the ALARA Center if you would like a copy of the ALARA Center Fixative List, revision 15.

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5. The Center conducted three Containment Training courses for Washington River Protection Solutions and CH2MHill Plateau Remediation Company employees. The course includes a classroom presentation focused on containment materials, practices and design, a tour of the ALARA Center, hands-on taping exercises, a glovebag building exercise, and a tour of the PFP Plastic Shop to see how containments are made. The goal is to prepare students for all phases of containment work so they can make a contribution in work planning, containment design, containment erection, working in containments and removing containments.

D&D Hotline Activities and Information

1. The D&D KM-IT technology module was successfully completed and deployed on a test server for DOE to review. Once approved, the technology module will be published on the D&D KM-IT for all to use. A few of the features user will enjoy are: basic and advanced search, help, links, technology management, and vendor management.
2. The Rockwell SoniCrafter (photo below) is a lightweight multipurpose tool that utilizes Microsonic technology to create a high frequency oscillation motion. This unique technology makes the SoniCrafter perfect for sawing, sanding, scraping, cutting, rasping and dozens of other projects. Rather than using a rotating or reciprocating blade, the SoniCrafter uses patented Microsonic oscillation technology that moves the blade from side to side up to 20,000 times per minute resulting in a safer, more controlled cutting or sanding motion. <http://www.rockwelltoolsdirect.com/sonicrafter-sets.html?source=rockwellpfxaffiliate-k80002>.



*Accessories vary per kit. 72 pc shown here.

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3. Grading and Excavation Magazine has an interesting article on the use of simulators for training heavy equipment operators that can be viewed at <http://www.gradingandexcavation.com/may-2009/simulators-training-experience-5.aspx>. Links to other general construction training articles are also available starting from the same page. You might wish to benchmark your heavy equipment operator training with general construction practices.

Contacts

You are invited to visit the Hanford ALARA Center located on the Hanford site in building 2101M in 200 East rooms 220 to 226. The Center is focused on supporting your project's safety, radiological engineering, ALARA, and D&D challenges. You can also send your questions, comments, and lessons learned to me via e-mail or contact me by phone. Additionally, I would be happy to come to your site to assist with your project's challenges. My contact information is below.

Jeff Hunter (509) 373-0656, Cell (509) 948-5906, jeffrey_l_hunter@rl.gov

Please help me keep the report distribution current by letting me know if you would like to be added or removed from distribution and by letting me know when you change your e-mail address.

Other helpful links are:

Hanford ALARA Center: www.hanford.gov/rl/?page=974&parent=973
D&D Knowledge Management Tool: dndkm.arc.fiu.edu/dndkm/
SRS ALARA Center: www.srs.gov/general/programs/alara/alara_center.htm
Department of Energy Hanford Site: www.hanford.gov/
Virtual Hanford Tour: www.hanford.gov/?page=326&parent=317
HAMMER: www.hammertraining.com/
Dade Moeller: <http://www.moellerinc.com/index.php>
Mission Support Alliance: <http://www.msa-hanford.com/>