

SRS ALARA & SAFETY COMMODITY (A&SC) CENTER
Engineered Solutions for Radiological, Respiratory, Safety & Industrial Hygiene Applications.

JUNE 2011 ACTIVITY REPORT

ASSISTANCE, RESEARCH, AND TOURS

The external SRS A&SC Center website is posted at www.srs.gov/general/programs/alara/alara_center.htm

The internal SRS A&SC Center website is available in InSite at the ESH&QA Regulatory and Radiological Technologies web-site. www.srs.gov/general/programs/alara/

The Hanford ALARA Center website is available at www.hanford.gov/rl/?page=973&parent=0

The D&D Knowledge Management Information Tool (D&D KM-IT) is a web-based knowledge management information tool custom built for the D&D community. The system was developed by Florida International University – Applied Research Center (FIU-ARC) in collaboration with the Department of Energy (DOE EM20), EFCOG, and the ALARA Centers at Hanford and Savannah River. www.dndkm.org/

The ALARA Center provided F-Area Tank Farm Radiological Protection Department (RPD) personnel with information to purchase three buckets (500 ft. per bucket) of Rad Chain, a yellow and magenta metal chain with #2 double loops. Through a patented process, the "EVERLAST" 2-mil ply powder coating that is baked on to create a durable and long lasting finish. The metal Rad Chain lasts longer and thus doesn't have to be replaced as often as the poly chain. <http://www.gocorp.com/product.php?ID=41>

The A&SC Center ordered a set of Firefighter Bunker Gear Step-Off Pads for F-Area Laboratory. Each is 140 mil rubber nitrile, 20" X 30", non-skid surface on both sides, white background. Instructions are specific for Clean Area, Cold Zone, Warm Zone, and Hot Zone.

The A&SC Center ordered SRNS Site Rigging twenty and Solid Waste Management twenty-two CoolVest from UniTech Services. The CoolVest utilizes the Outlast Adaptive Comfort technology originally developed for NASA. It is worn under protective garments when working in hot environments to help workers adapt to surrounding conditions for enhanced worker comfort. See brochure below. 

The A&SC Center ordered three 50D ProVest Cooling Vest for Utilities Operations. 50D cooling solutions utilize a proprietary heat transfer and storage formula known as HTF Exotherm (HTFx). HTFx absorbs and traps heat from the body. See brochure below. 

Sqwincher Squeeze Freezer Pops are now store stocked as an item to combat heat stress. There are 150 - 3 ounce pops of assorted flavors per case. The caption ID number is 32-25595.00



The A&SC Center was contacted by the Hanford Washington ALARA Center in need of a criticality safe High Efficiency Particulate Air (HEPA) filtered vacuum system. The SafeVac HEPA vacuum system from Inventure Laboratories Inc. was recommended. <http://inventurelabs.com/safevac.html>

The A&SC Center was contacted by HB-Line RPD personnel needing a tacky material to locate contamination on a floor. The following G/O Corp products were recommended.

Product No.	Description
GJ1026	18" Tack Roll, Frame, and 4'-8' aluminum pole (one ordered)
GJ1027	18" Tack Roll refill only – 40 sheets perforated every 12 inches (2 ordered)

The A&SC Center provided an SRS Industrial Hygienist with a pair of Valeo anti-vibration gloves to evaluate for use during a specific job. The link and Stores caption ID numbers are listed below.

<http://www.valeowork.com/?id=10&prodId=211&CatId=37&Parent=32>

32-24867.00	Medium
32-24865.00	Large
32-24866.00	XL
32-24868.00	2XL

A sample pair of Valeo Kevlar Driver Anti-Vibe gloves was provided by the Barr Group to be evaluated. <http://www.valeowork.com/?id=10&prodId=225&CatId=37&Parent=32>

The A&SC Center was contacted by the F-Area Tank Farm Local Safety Improvement Team (LSIT) desiring to select an underglove to be worn during the winter months to protect from low temperature exposure. The following gloves were provided for evaluation. <http://www.ansellpro.com/main/productSearch3.asp?pid=127>

- Sperian TSK17A-PC Cotton/Poly String Knit Glove
- Ansell 78-101 Thermolite Insulator Glove Blue
- Ansell 78-150 Thermolite Insulator Glove White

The A&SC Center ordered fifty Ergodyne Chill-Its 6602 Cooling Towels for F/H Laboratories. Dampen this chamois to create a cooling aid significantly cooler than ambient air. <http://www.ergodyne.com/products/pages/default.aspx?PRD=296&PCA=14>

AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) SUPPORT

The A&SC Center ordered one hundred and twenty-five Ergodyne Chill-Its 6602 Cooling Towels for Solid Waste Management. Dampen this chamois to create a cooling aid significantly cooler than ambient air. <http://www.ergodyne.com/products/pages/default.aspx?PRD=296&PCA=14>

ALARA CENTER POINTS OF CONTACT

Robbie Bates	(803) 208-3601, Pager (803) 725-7243 ID #14550	robbie.bates@srs.gov
Ellen Parrish	(803) 208-1027, Pager (803) 725-7243 ID #11617	ellen.parrish@srs.gov
Jim Davis	(803) 208-1198, Pager (803) 725-7243 ID #14882	james02.davis@srs.gov