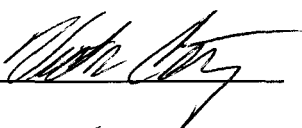
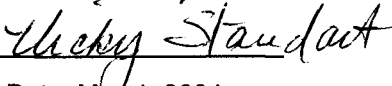


Sample Identification
Chapter 8: MATRIX SAMPLES
AHETF-8.F.3.

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1.0 PURPOSE AND SCOPE

- 1.1 This Standard Operating Procedure (SOP) describes the procedures to uniquely identify field samples collected during Agricultural Handlers Exposure Task Force (AHETF) worker exposure studies.
- 1.2 This SOP was revised to clarify codes for applicator and mixer/loader replicates, and to provide identification codes for upper and lower inner dosimeter samples, in section 2.4.

2.0 NUMBERING PROCEDURE

- 2.1 All samples (exposure and fortification) will be identified by the protocol (AHETF study) number and a unique identification number that describes the type of sample. Individual sample numbers (replicate numbers) may not be reused should a replicate be started and then cancelled, even if no samples were collected for analysis. Additional replicate number(s) will be added to the sample list to account for the lost replicate(s).
- 2.2 The sample identification number will be formatted as an alphanumeric string, separated by hyphens (-) between each code pair:

SN-XX-NN-YY-ZZ

- 2.3 The identities of the code pairs are listed on the following page.

2.4 The following is a list of the codes pairs to be used in the sample identification format SN-XX-NN-YY-ZZ:

SN: The last two digits of the AHETF five character study number.

XX: A code for the type of sample:

WS - Worker Sample
FF - Field Fortification Sample

NN: For exposure samples - The two-digit worker replicate number. This can be modified to distinguish between applicator and mixer/loader replicates, only when less than 10 reps each, as follows:

Ax - Worker Sample – Applicator only with sequential rep no.
Mx - Worker Sample – Mixer only with sequential rep no.

For exposure field fortification samples - A two digit number to denote the study day of fortification (e.g. day 01, 02, 03) depending upon the actual day of the study the samples are fortified on.

YY: A code for the type of the samples

ID - Inner Dosimeter HW - Hand Washes
AR - Air Sampling Media FW - Face/Neck Wipe

ZZ: Unique 2 Character Codes For All Samples

Fortifications (FF samples only)	Dosimeters (FS ID samples only)
Tx* - travel spike	BL - lower body
Lx* - low spike	BU - upper body
Mx* - mid spike	LA - lower arms
Hx* - high spike	UA - upper arms
Cx* - control sample	FT - front torso
	RT - rear torso
	UL - upper legs
	LL - lower legs
	SX - socks
	OH - head patch, outer
	IH - head patch, inner

- A sequential number will be noted for each control and fortified sample to note replicate samples.

Air – Handwash - Face/Neck Wipe Samples
(Worker FS, AR, HW & FW samples only)

Sequential number to denote multiple samples (if more than one sample is collected) from the same replicate. -01 is the first sample collected, -02 is the second, *etc.* If only one wash or wipe sample is collected, then -01 will be the only sample number used. If more than one must be collected during the replicate, use a sequential number for each, with the highest number used for the final sample collected that day

2.5 The following is a list of example sample ID numbers:

- 01-WS-02-ID-LL: Study AHE01 - worker sample - worker rep. 2 - inner dosimeter - lower legs
- 41-WS-A5-ID-BL: Study AHE41 - worker sample - applicator rep. 5 - inner dosimeter - lower body
- 05-WS-05-HW-01: Study AHE05 - worker sample - worker rep. 5 - first hand wash collected (*i.e.* worker used the bathroom before end of rep.)
- 05-WS-05-HW-02: Study AHE05 - worker sample - worker rep. 5 – second hand wash collected, in this instance at the end of the worker activity
- 05-WS-03-AR-01: Study AHE05 - worker sample - worker rep. 3 - air sample
- 05-WS-09-FW-01: Study AHE05 - worker sample - worker rep. 9 - face/neck wipe
- 06-WS-07-SX-01: Study AHE06 - worker sample - worker rep. 7 - socks
- 07-WS-01-OH-01: Study AHE07 – worker sample - worker rep. 1 - outer head patch
- 07-FF-01-IH-L1: Study AHE07 - Field Fort. - first study day - inner head patch - first low level
- 11-FF-01-ID-L2: Study AHE11 - Field fort. - first study day - inner dosimeter - second low level
- 22-FF-03-FW-H1 Study AHE22 - Field fort. - third study day - face/neck wipe - first high level [this may be the *second* day of fortifications for AHE22]
- 22-FF-03-FW-H2: Study AHE22 - Field fort. - third study day - face/neck wipe -

second high level