ISSUE 1	DATE NOVEMBER 1993	AWE CARDIFF HEALTH PHYSICS PROCESS INSTRUCTION	PROCESS INSTRUCTION NUMBER 14
Static Air Sampling Project Be Area			PAGE 1 OF 2

AIR SAMPLER

Negretti Automation L30 series type air sampler, with a sampling rate between 30-36 l/min.

CALIBRATION OF AIR SAMPLERS

The air sampler is to be calibrated on a six monthly basis as per Instruction No ****, and a calibration label attached indicating calibration dates and average flow rates. A record of all calibration together with any repairs are to be maintained for each sampler.

FILTER PAPER

Whatman Ashless 41 paper 60 mm diameter, catalogue No 1441060.

ISSUE AND COLLECTION

The filter paper is to be placed in the sampler (using tongs), the sampler is turned on before the start of the working day, and run for the duration of the shift.

Once a month take the start up flow rate and the end of shift flow rate and average the result. Should this result deviate by more than 10% report the findings to the HP supervisor.

At the end of the shift the sampler is turned off, and the filter paper removed (using tongs), placed in a self sealing bag marked with the sampler position number.

PROCESSING THE SAMPLES

The SAS papers are to be processed as per Health Physics process No 17 , the day after the issue or at the earliest opportunity (e.g. after the weekend). After analysis, any result indicating a level >1 ug/m^3 is to be reported to the Safety Dept Supervisor immediately.

CORE SAMPLES

The samplers designated as core samples must be changed and processed at the mid day point, and at the end of a shift. Any reading >1 ug/m^3 is to be reported to the Safety supervisor immediately.

DATA ENTRY TO COMPUTER

The daily results are to be entered onto the DOGA computer system selecting option No 4 from the main menu, then selecting the Be Static Air Sampling option.

Daily results must be collected from the computer dept and issued to the area supervisor. Any result >2 ug/m^3 will be reported via a printout, copies of the printout must be issued to the following:

Safety Supervisor
Area Supervisor
Area Safety Representatives

P BUSHEN SA/HSA