NEW AUG 0 2 1987

OHIO CLASSIFICATION SPECIFICATION *Developed for Equal Opportunity*	CLASS TITLE: Chemist 3	CODE: 83223C
	MAJOR AGENCIES: County Offices, Universities	JURISDICTION: Cnty., Univ.

FUNCTION: Under general directions from chemical laboratory supervisor 1 or 2, arson crime laboratory chief or liquor control assistant investigation administrator, serves as lead worker (i.e., provides work direction, training of others) over lower-level chemists &/or microbiologists in chemical analysis on various samples;

-PERFORMS RELATED DUTIES AS REQUIRED

RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
1	61-81	Serves as lead worker (i.e., provides work direction, training of others) over lower-level chemists &/or microbiologists in chemical analysis on various samples (e.g., prepare &/or oversee & analyze sample preparation; oversees & trains assistants & student trainess in Ohio Fire Training Academy in methods & procedures of chemical analysis; makes quantitative & qualitative evaluations; makes decision whether to recommend or deny approval for certification of evaluated laboratories; implements & directs comprehensive quality control activities relative to section assigned; has primary responsibility for calibration, operation & maintenance of laboratory equipment).	Knowledge of (1) supervision*, (2) employee training & development*, (3) laboratory safety practices, (4) chemical analysis, (5) chemistry, (6) laboratory practices procedures; skill in (7) operating chemical laboratory equipment; ability to (8) understand somewhat abstract field of study, (9) use statistical analysis, (10) use proper research methods in gathering data, (11) gather, collate & classify information about data, people or things, (12) establish friendly atmosphere as lead worker, (13) demonstrate physical fitness.
2	15-25	Keeps & maintains logs of samples, analytical results & mathematical calculations; prepares reports of test results; prepares correspondence to industry, private consumers & other agencies; maintains inventory records of &/or orders materials & supplies; organizes & maintains survey reports & records; prepares progress reports; implements sample flow charts.	Knowledge of 4, 5, 6; ability to 8, 9, 10, 11, 12.
3	6-12	Attends meetings, seminars & trainings courses & reviews literature to maintain professional status on new chemical procedures; oversees & participates in training programs; acts as expert witness in litigations; acts as liaison with other state, federal &/or local agencies.	Knowledge of 2*, 3, 4, 5, (14) public relations*; ability to 8, 10, 11.

*Developed after employment

(1104)

123:1-7-17

UNUSUAL WORKING CONDITIONS:	MINIMUM CLASS REQUIREMENTS: *(including license, if any.)*	TRAINING & DEVELOPMENT:
Exposed to caustic or toxic chemicals; may work varying hours; may require travel.	Completion of undergraduate major program core coursework in chemistry as required by college or university & 12 mos. chemistry exp. (or 3 yrs. chemistry exp.); or 6 mos. exp. or Chemist 2, 83222, or in comparable position; or completion of graduate major program core coursework in chemistry; or equivalent.	