

MONTGOMERY COUNTY CLASSIFICATION SPECIFICATION: 5/14/02	CLASS TITLE: BUILDING AND ELECTRICAL INSPECTOR	CODE: 24132
	MAJOR AGENCIES: BUILDING REGULATIONS	PAGE <u>1</u> OF <u>2</u>

CLASS CONCEPT: Full performance level in the building inspection occupation requiring considerable knowledge of construction and electrical installation methods, and associated regulatory requirements; under direction, conducts inspections of new construction projects for compliance with applicable building and electrical codes.

RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
1	20-30	Compares construction to plans to determine if work is in accordance with approved plans.	<u>Knowledge of</u> 10 (safety practices), 23 (law--Ohio Revised Code pertaining to construction); <u>Skill in</u> 28 (skilled trade--building construction and electrical installation inspection); <u>Ability to</u> 30g (understand system of mechanical or other procedures (e.g., bookkeeping, wiring), 30i (deal with variety of variables in somewhat unfamiliar context), 30j (interpret variety of instruction in written, oral, picture or schedule form), 30l (define problems, collect data, establish facts & draw valid conclusions), 31e (use algebra), 32p (proofread technical materials, recognize errors & make corrections).
2	50-60	Conducts on-site inspections of residential and commercial/industrial structures to verify compliance with applicable codes; checks structural & safety elements including concrete, work, framing and structural supports, heating and ventilation systems, and electrical installations; documents all discrepancies found during inspections; conducts visual inspection of gas piping systems and materials in residential and commercial/industrial buildings; verifies pressure testing of gas piping systems through the use of meters, recorders or other approved devices; ensures compliance with applicable codes. (Performs Related Duties As Required)	<u>Knowledge of</u> 10, 23; <u>Skill in</u> 28, 29 (equipment operation--vehicle operation); <u>Ability to</u> 30g, 30i, 30l, 31d (calculate fractions, decimals & percentages), 32j (maintain accurate records), 34b (work alone on most tasks), 35b (demonstrate agility (to move whole body quickly & easily)). (*Developed After Employment)

UNUSUAL WORKING CONDITIONS:
Exposed to unfavorable weather and driving conditions; exposed to high voltage and construction site hazards.

MINIMUM CLASS REQUIREMENTS: (Including License, If Any)
Equivalent to high school diploma plus three (3) years of experience in related trades or in a certified building department; and four (4) years of experience as a full performance electrician, including two (2) years as a foreman or three (3) years as

(Other Evidences May Be Substituted)

TRAINING & DEVELOPMENT:

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CLASS CONCEPT:

RANK	% OF TIME	JOB DUTIES	MAJOR WORKER CHARACTERISTICS
3	15-25	<p>Advises contractors and property owners regarding reasons for non-conformance of construction and electrical installations, certifies conforming completed jobs to public utility, records actions taken on associated permits; answers questions from contractors & general public regarding construction and electrical requirements; investigates complaints involving code violations; attends various seminars to keep up-to-date on developments in the building code area.</p> <p>(Performs Related Duties As Required)</p>	<p><u>Knowledge of</u> 10, 11a (public relations), 23; <u>Skill in</u> 28; <u>Ability to</u> 30g, 30i, 30l, 30m (interpret extensive variety of technical material in books, journals & manuals), 34d (answer routine telephone inquires from public), 34f (handle sensitive inquiries from & contacts with officials & general public), 34i (resolve complaints from angry citizens & government officials).</p> <p>(*Developed After Employment)</p>

UNUSUAL WORKING CONDITIONS:	MINIMUM CLASS REQUIREMENTS: (Including License, If Any) an electrical inspector trainee, <u>or</u> six (6) years experience as a full performance electrician or equivalent; possess and maintain Building Inspector and Electrical Safety Inspector certification as issued by the Ohio Board of Building Standards; valid State of Ohio driver license. (Other Evidences May Be Substituted)	TRAINING & DEVELOPMENT:
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