

STATE OF OHIO (DAS)CLASSIFICATION
SPECIFICATION**CLASSIFICATION SERIES:**

Project Inspector

SERIES NO.:

8435

MAJOR AGENCIES:

Transportation

EFFECTIVE DATE:

06/23/1996

SERIES PURPOSE:

The purpose of the project inspector occupation is to monitor contractors working on state highway construction projects for compliance with project plans, proposals & state & federal specifications.

At the full performance level, incumbents act as engineer's representative on assigned project by inspecting contractor's work & sampling & testing materials & construction items for compliance with project plans, proposals & specifications.

CLASS TITLE

Project Inspector 1

CLASS NUMBER

84351

PAY RANGE

27

EFFECTIVE

06/23/1996

CLASS CONCEPT:

The full performance level class works under general supervision & requires considerable knowledge of state & federal laws, rules & regulations governing highway construction operations & methods of inspecting construction projects in order to ensure compliance of contractor with state & federal specifications & project plans & proposals. All employees in this class must possess a valid class B or higher commercial driver's license that is not restricted for air brakes.

CLASS TITLE

Project Inspector 2

CLASS NUMBER

84352

PAY RANGE

30

EFFECTIVE

06/23/1996

CLASS CONCEPT:

The full performance level class works under general supervision & requires considerable knowledge of state & federal laws, rules & regulations governing highway construction operations & methods of inspecting construction projects in order to ensure compliance of contractor with state & federal specifications & project plans & proposals. All employees in this class must possess a valid class B or higher commercial driver's license that is not restricted for air brakes & ACI Concrete Field Testing Technician Grade 1 or level 1 Bituminous Technician.

<u>CLASS TITLE</u>	<u>CLASS NUMBER</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY RANGE</u>
Project Inspector 1	84351	07	06/23/1996	27

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Inspects construction projects to ensure contractor compliance with state specifications, plans &/or proposals (e.g., roadway, drainage, pavement, water works, electrical, traffic control, signing, topsoil removal, demolition & clearing, foundations for embankment, subgrades, piles, temporary roads, bridge painting), verifies plan quantities & calculations with blueprints, tests concrete for air, slump & yield, operates nuclear gauges or embankment kit to test compaction & density & collects material samples to be forwarded to district or central office.

Prepares & maintains project records & reports (e.g., daily diary, inspection reports, pay item quantities, progress estimates, contractor's construction methods, material inspection); utilizes computer system (i.e., construction management system) to record information & generate reports.

Operates heavy motorized equipment in order to remove snow & ice from highways & roadways.

Performs other miscellaneous duties (e.g., checks plans & specifications in regard to location & quantity of material used; establishes survey & grade lines; mail delivery; learns bridge inspection; office & field inventories; participates in construction seminars; holds rods or chains on survey projects; inspects concrete plants &/or equipment).

MAJOR WORKER CHARACTERISTICS:

Knowledge of construction operations; construction safety practices; public relations*; state & federal laws, rules & regulations governing construction approval*; construction inspection methods*; fractions, decimals & percentages. Skill in operation of construction test equipment*; use of personal computer*. Ability to deal with problems involving several variables in familiar context; understand manuals & verbal instructions technical in nature; maintain accurate records; cooperate with co-workers on group projects; demonstrate strength to lift up to 70 lbs.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

Formal education in English & arithmetic that includes reading, writing & speaking English & fractions, decimals & percentages; 1 course in blueprint reading, drafting, design or related construction areas or 3 mos. work exp. in any capacity on construction project; valid class B or higher commercial driver's license that is not restricted for air brakes.

-Or equivalent of Minimum Class Qualifications for Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:

Not applicable.

UNUSUAL WORKING CONDITIONS:

Exposed to construction equipment, traffic, dust, noise, adverse weather conditions, high areas (e.g., beams, bridges), rough terrain, sewer odor; may work varying hours; requires travel.

<u>CLASS TITLE</u>	<u>CLASS NUMBER</u>	<u>B. U.</u>	<u>EFFECTIVE</u>	<u>PAY RANGE</u>
Project Inspector 2	84352	07	06/23/1996	30

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Inspects construction projects to ensure contractor compliance with state specifications, plans &/or proposals (e.g., roadway, drainage, pavement, water works, electrical, traffic control, signing, topsoil removal, demolition & clearing, foundations for embankment, subgrades, piles, temporary roads, bridge painting), verifies plan quantities & calculations with blueprints, tests concrete for air, slump & yield, operates nuclear gauges or embankment kit to test compaction & density & collects material samples to be forwarded to district or central office.

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Operates heavy motorized equipment in order to remove snow & ice from highways & roadways.

Performs other miscellaneous duties (e.g., checks plans & specifications in regard to location & quantity of material used; establishes survey & grade lines; mail delivery; learns bridge inspection; office & field inventories; participates in construction seminars; holds rods or chains on survey projects; inspects concrete plants &/or equipment).

MAJOR WORKER CHARACTERISTICS:

Knowledge of geometry; trigonometry; construction safety practices; public relations; employee training & development*; state & federal laws, rules & regulations regarding construction project approval; construction inspection practices. Skill in operating construction test equipment; operate personal computer*. Ability to deal with problems involving several variables in familiar context; maintain accurate records; understand manuals & verbal instructions technical in nature; cooperate with co-workers on group projects; demonstrate strength to lift up to 70 pounds.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:

12 mos. trg. or 12 mos. exp. in state & federal laws, rules & regulations regarding construction project approval; 12 mos. trg. or 12 mos. exp. in construction inspection practices; 6 mos. trg. or 6 mos. exp. in public relations; 1 course or 3 mos. exp. in geometry; 1 course or 3 mos. exp. in trigonometry; valid class B or higher commercial driver's license that is not restricted for air brakes; ACI Concrete Field Testing Technician – Grade 1 or Level 1 Bituminous Technician.

-Or equivalent of Minimum Class Qualifications for Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:

Not applicable.

UNUSUAL WORKING CONDITIONS:

Exposed to construction equipment, traffic, dust, noise, adverse weather conditions, high areas (e.g., beams, bridges), rough terrain, sewer odors; may work varying hours; requires travel.