

**COMPETENCY MODEL FOR  
ASBESTOS WORKER 2026  
CLASS CODE 3435**

The following competencies have been identified as those that best separate superior from satisfactory job performance in the class of **ASBESTOS WORKER**.

1. Reading Comprehension
2. Mathematics
8. Safety Focus
20. Job Knowledge
24. Mechanical Aptitude
35. Teamwork
43. Follow Oral Directions
45. Oral Communication
58. Industry Knowledge

On the following pages are descriptions of each competency, including a definition, the level of the competency required for the class (*italicized and underlined*), examples of behavioral indicators, and satisfactory and superior performance levels.

**1. READING COMPREHENSION** – Comprehends and correctly applies information presented in written form. Makes correct inferences; draws accurate conclusions.

Level of Competency Required by Job:

**Level 1: Concrete, specific job-related information (work orders; instructions; material/equipment labels)**

Level 2: General information related to field of work and assignments; (articles in trade publications; technical/instructional manuals; memos; letters; e-mails; reports)

Level 3: Abstract/complex information (highly technical articles/ reports in specialized area; legal or other regulatory material)

Examples of Behavioral Indicators:

- Follows written instructions correctly.
- Learns information presented in writing.
- Identifies relevant written information.
- Interprets written legal regulatory material accurately.

Performance Levels:

Satisfactory

Reads instructions correctly. Learns from manual and other printed material.

Superior

Learns from manual and may answer others' questions. Explains information presented in written form to others

**2. MATHEMATICS** – Performs arithmetic or higher-level mathematical computations accurately.

Level of Competency Required by Job:

Level 1: Perform arithmetic computations (add, subtract, multiply, divide, ratios, percentages).

**Level 2: Use algebra (substitute numbers for letters in a formula), geometry (angles, distances, area), and/or descriptive statistics (mean/median/mode, standard deviation, range).**

Level 3: Apply and interpret calculus, inferential statistics (t-tests, correlations, ANOVA, multiple regression) or other very high level mathematics.

Examples of Behavioral Indicators:

- Quickly and accurately performs arithmetic computations.
- Appropriately selects and applies formulas for stated purpose.
- Correctly identifies an appropriate analysis for a specific purpose and selects the appropriate computer program for computation.
- Accurately interprets and presents results of mathematical/statistical computations.

Performance Levels:

Satisfactory

Knows mathematical requirements of the job and performs them correctly.  
Verifies work to ensure accuracy.

Superior

Identifies additional opportunities for the application of mathematics in work.  
Answers questions/trains others to assist them in their use of mathematics.

**8. SAFETY FOCUS** – Performs work in a way that minimizes risk of injury to self or others.

Level of Competency Required by Job:

Level 1: Maintain awareness of unsafe conditions and actions to avoid injury.

Level 2: Follow safety rules/procedures; avoid known hazards in the work environment.

**Level 3: Carefully follow safety rules and procedures and consistently use all necessary safety equipment.**

Examples of Behavioral Indicators:

- Wears seat belt.
- Ensures safe physical work environment by taking actions such as eliminating unstable stacks of materials, closing drawers so filing cabinets will not tip over, and keeping pathways clear of tripping hazards.
- Reviews safety procedures before beginning each job with known hazards.
- Follows safety procedures while performing work even when it takes more time.
- Uses safety equipment such as goggles, gloves, and earplugs as required or warranted.
- Frequently checks safety equipment for proper condition and operation.

Performance Levels:

Satisfactory

Maintains awareness of personal safety to avoid injury or property damage during all work activities.

Superior

“Safety first.” Places avoidance of injury or property damage above all other job requirements. Mentions the need to follow safe work practices to co-workers. Actively seeks ways to avoid injury

## **Safety Knowledge Area**

1. Knowledge of safety regulations, such as those established by the Environmental Protection Agency and the Occupational Health and Safety Act, Air Quality Management District and other regulatory agencies, governing work in the removal and decontamination of hazardous materials such as asbestos, lead, Hantavirus and Antivirus, and mold remediation, in order to adhere to federal mandates.

**20. JOB KNOWLEDGE** – Knows information required to perform a specific job. Includes both widely available courses of study (for example, chemistry, human resources management, graphic arts) and City-specific information (parking regulation and ticketing practices; purchasing procedures; provisions of the City Charter).

Level of Competency Required by Job:

**Level 1: Knowledge is concrete, factual, and/or procedural and may be defined by the organization. Situations in which it is applied are quite consistent.**

Level 2: Knowledge is substantive and may be defined by an external trade, field, or profession. Situations in which it is applied vary and, as such, require breadth and depth of understanding.

Level 3: Knowledge is abstract, conceptual, and/or complex and may be supported by a well-defined academic discipline or authoritative sources (e.g., laws, ordinances, government guidelines/regulations/ codes). Situations in which it is applied may vary greatly or be novel.

Examples of Behavioral Indicators:

- Performs work correctly/avoids technical (job content related) errors.
- Answers technical questions about work accurately.
- Asks few technical questions about the performance of routine work activities.
- Offers advice (“coaching”) to new employees regarding their work.
- Develops training programs for other employees.

Performance Levels:

Satisfactory

Sufficient job knowledge to perform work correctly independently. Answers technical questions about work correctly.

Superior

Expertise in technical job information sufficient to serve as a resource to others. May develop training manuals/programs and/or give internal and/or external presentations related to work.

## **Job Knowledge Areas**

1. Knowledge of the types of materials, such as, mineral wool, cal-sil, fiberglass, foam glass, and silicon cloth, and their use in insulating pipes and equipment, in order to effectively maintain ambient temperatures.
2. Knowledge of procedures, tools, and equipment, such as vacuums, hand tools, and power tools, used to apply insulating materials, in order to install insulating materials related to pipes and equipment and abatement work.
3. Knowledge of conditions in insulating covering requiring replacement, such as insulation blankets, pipe covering, asbestos, AC ducts in order to retain insulation barriers.
4. Knowledge of procedures for maintaining material and work records, such as, job logs and material purchases, in order to meet Occupational Safety and Health Administration (OSHA) and Air Quality Management District (AQMD) requirements.
5. Knowledge of procedures, tools, and equipment used to remove hazardous materials such as, asbestos, magnesia, Hantavirus and Antivirus, mold remediation, in order to use a safer nonhazardous material.
6. Knowledge of procedures/rules in different jurisdictions, such as AQMD and OSHA safety requirements, when using tools and equipment to remove hazardous materials, in order to comply with different safety standards.

**24. MECHANICAL APTITUDE** – Accurately predicts the impact of forces on objects and assesses the behavior of other physical phenomena (e.g., volume, weight, velocity). Readily learns work involving the application of mechanical principles.

Level of Competency Required by Job:

Level 1: Maintain a safe work environment by ensuring objects in it are stable, tools and equipment are properly used.

Level 2: Know the physical properties of objects in the work environment and correctly anticipate the action of forces upon them; performs work accordingly (correctly and safely).

**Level 3: In-depth understanding of mechanical and physical phenomena sufficient to design and/or oversee the construction of systems.**

Examples of Behavioral Indicators:

- Recognizes the impact of an earthquake on objects in the work environment and re-arranges them as possible to avoid possible damage or destruction and potential to cause injury.
- Uses tools properly to accomplish work correctly and safely.
- Recognizes the effects of various actions on objects and performs only those actions that will accomplish intended result and will not cause property damage or injury.
- Systems designed and/or for which construction is overseen operate as intended upon completion.

Performance Levels:

Satisfactory

Recognizes the operation of mechanical/physical phenomena sufficient to readily learn and perform work of a mechanical nature.

Superior

Displays exceptional insight into the operation of mechanical phenomena, and makes correct inferences regarding it. Promptly and accurately troubleshoots problems.

**35. TEAMWORK** – Interacts effectively with others to achieve mutual objectives; readily offers assistance to others to facilitate their goal accomplishment.

Level of Competency Required by Job:

Level 1: Work effectively as a member of a work unit or project team. Readily offer assistance to others when they have too much work or have too little.

**Level 2: Work effectively as a team member in which different people have different roles/responsibilities and perspectives. Identify points for collaboration with co-workers; readily offer and request assistance.**

Level 3: Work effectively as a part of an interdependent team (your work gets done only if the work of the whole team is done; evaluation of team performance is more relevant than individual performance).

Examples of Behavioral Indicators:

- Discusses work-related matters with co-workers.
- Offers and requests assistance readily.
- Offers and is receptive to suggestions.
- Identifies problems with workflow that will prevent team from accomplishing its goals.
- Provides constructive criticism and feedback to team members to improve overall functioning of team.
- Assigns credit to team for accomplishments.

Performance Levels:

Satisfactory

Cooperates with co-workers and fulfills responsibilities as a member of a project team. Maintains a focus on common objectives and offers and requests assistance readily.

Superior

Sees the team as a whole; acknowledges that performance of the team is what in reality is evaluated by others. If anyone fails, everyone on the team fails.

### **43. FOLLOW ORAL DIRECTIONS** – Performs work accurately as directed orally.

#### Level of Competency Required by Job:

Level 1: Receive specific, complete oral directions daily or by individual task assignment throughout the day.

Level 2: Receive general instructions orally that span across days or for entire assignments.

**Level 3: Receive general instructions/assignments orally regarding long-term objectives/responsibilities.**

#### Examples of Behavioral Indicators:

- Does work assigned orally properly and on time.
- Asks pertinent questions for clarification of assignments.
- Performs work correctly when instructions were given orally.
- Explains assignments to others who received the same instructions.
- Performs work in accordance with general outline provided orally.
- Correctly infers details of assignments given only in general terms.

#### Performance Levels:

##### Satisfactory

Properly performs work when concrete, specific instructions are given orally. Asks pertinent questions when parts of the instructions are unclear or omitted.

##### Superior

Properly performs work assigned orally. Answers questions or explains work to others. Correctly infers details or portions of instructions that were omitted.

**45. ORAL COMMUNICATION** – Communicates orally in a clear, concise, and effective manner.

Level of Competency Required by Job:

- Level 1: Exchange specific, job-related information orally with others in the immediate work environment or via telephone and/or radio.
- Level 2: Obtain/provide/present general and/or job-specific information orally to a variety of others in various situations.
- Level 3: **Obtain/provide/present a diverse array of information orally at varying levels of complexity to a wide range of others across many different situations and circumstances.**

Examples of Behavioral Indicators:

- Audience clearly understands the intended message.
- Rarely must repeat information in response to questions.
- Refrains from use of unnecessary words, phrases, or jargon.
- Provides a level of detail appropriate to the situation (avoids too much or too little detail).
- Speaks at a level appropriate to the audience in terms of terminology, sentence structure, and simplicity/complexity of ideas expressed.
- Uses words with precision (vocabulary) to convey exact information.

Performance Levels:

Satisfactory

Speaks clearly and audibly, providing the appropriate information and level of detail. Typically conveys the message on the first attempt. Answers questions accurately and directly.

Superior

Speech is direct and to the point. Speaks convincingly and with authority when appropriate. Maintains sensitivity to the audience while providing thorough information with the appropriate level of detail through the use of precise language.

**58. INDUSTRY KNOWLEDGE** – Knows sources of information (publications, websites, professional associations), college programs, consultants, vendors, and peers within field of endeavor; accesses them when needed.

Level of Competency Required by Job:

Level 1: Can locate job-related information from external sources when necessary.

**Level 2: Read job-related publications and know/may be a member of professional associations. Some familiarity with college programs, consultants, vendors, and/or others in the field.**

Level 3: Subscribe to job-related publications and is a member of professional association(s). Know many college programs, consultants, and vendors, and has a well-developed network of peers within the field.

Examples of Behavioral Indicators:

- Reads/subscribes to job-related publications.
- Knows consultants/vendors in the field including their products/services and reputation.
- Attends conferences or other job-related training/presentations.
- Makes presentations to professional associations.
- Has contacts on college faculties to call upon if needed.

Performance Levels:

Satisfactory

Aware of external resources available in the field. Can locate and obtain materials and/or locate and contact professional associations, consultants, vendors, or peers if necessary.

Superior

Knows many external resources in field, including publications, educational programs, consultants, and vendors. Has a well-established network of peers. Belongs to professional associations and attends conferences or other training sessions. Provides research results and/or benchmarking data to the field.

## **Industry Knowledge Areas**

1. Knowledge of industry standards related to asbestos abatement work, industrial piping and boiler insulation, in order to adhere to federal and state regulations, such as, California Occupational Safety and Health Administration (CalOSHA), Air Quality Management District (AQMD), Southern California Air Quality Management District (SC AQMD), and mandates that are required to follow.
2. Knowledge of industry standards for asbestos removal, in order to adhere to federal and state regulations, such as, CalOSHA, AQMD, SC AQMD, and mandates that are required to follow.