COMPETENCY MODEL FOR
AIRPORT ENGINEER (7256)

The following competencies have been identified as those that best separate superior from satisfactory job performance in the class of **AIRPORT ENGINEER.** (Numbers refers to the order of the competencies in the Competency Bank.)

3. Judgment and Decision Making
6. Attention to Detail
11. Initiative
20. Job Knowledge
28. Supervision
32. Responsiveness and Follow-up
35. Teamwork
49. Project Management

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

3. JUDGMENT AND DECISION MAKING – Accurately assesses situations, seeks new information if necessary, and applies all available information to reach sound conclusions/formulate effective response.

Level of Competency Required by Job:

Level 1: Training and guidelines needed to respond to immediate situations within very specific function are provided (or supervisor available to assist).

Level 2: General information and guidance to assist in responding to a variety of situations across a range of circumstances are provided.

Level 3: Little guidance available for responding to a wide range of complex situations with far-reaching and/or enduring consequences.

Examples of Behavioral Indicators:

- Effectively responds to atypical situations.
- Asks questions or otherwise obtains additional relevant information to make a decision.
- Formulates a decision and necessary actions based on available facts.
- Correctly infers appropriate response based on information provided and existing policies, personal experience, and/or consultation with others.
- Discusses conclusions/possible responses with others before taking action as necessary.
- Considers impact of decisions on all affected parties.

Performance Levels:

Satisfactory

Correctly assesses routine and unusual situations and reaches appropriate conclusions for actions needed. Obtains additional information and/or consults with others as necessary.

Superior

Evaluates new situations accurately to establish an appropriate response or plan of action. Recognizes the impact on all affected parties, as well as the possible ramifications and/or repercussions of setting a precedent.

6. ATTENTION TO DETAIL – Extremely careful in addressing all aspects of each work assignment in order to produce "completed staff work" and/or avoid any negative outcomes.

Level of Competency Required by Job:

Level 1:   Ensure all aspects of work assignment are completed as directed.

Level 2:   Verify that each aspect of work assignment is properly completed; make logical inference regarding additional activities that may need to be performed to produce "completed staff work."

Level 3:   Include evaluation of final work/work product in its accomplishment; make adjustments as possible to improve.

Examples of Behavioral Indicators:

- Carefully checks all aspects of work for completion and accuracy before submitting.
- Identifies errors (for example, typo's, computations, measurements, application of laws/rules/policies) and corrects them prior to submitting.
- Cross-checks work against available resources.
- Sets up a means of checks and balances to ensure work accuracy.
- Considers changes in final work product to ensure usability by recipient.
- Completes all revisions upon request.

Performance Levels:

Satisfactory

Ensures that each task accomplished represents "completed staff work." No remaining details/ inconsistencies for others to address.

Superior

All aspects of each task completed are verified to be correct. Identifies any foreseeable consequences of work that may need to be addressed and does so.

11. INITIATIVE – Generates activity that facilitates accomplishment of work.

Level of Competency Required by Job:

Level 1: Offer to help co-workers and/or recognize things to do that facilitate work group accomplishment.

Level 2: ***Identify new tasks/projects to be undertaken and assist others with accomplishment of their work.***

Level 3: Determine additional work necessary to improve the function and productivity of the organization or its services to citizens or other customers.

Examples of Behavioral Indicators:

- Makes suggestions for improvement in work quality or quantity.
- Finds work to do when own work is slow rather than allow diminished personal productivity.
- Expands scope of work/responsibility in appropriate directions.
- Anticipates upcoming events in order to prepare for them.

Performance Levels:

Satisfactory

Generates goal directed activity rather than waiting to be told what to do. Anticipates what is likely to occur in order to be able to prepare; recognizes that preparation for (and clean-up after) a job is part of doing the job.

Superior

Actively pursues additional tasks/ responsibilities that will facilitate effectiveness. Makes extensive preparations for upcoming events or expected changes.

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.
- Sought out as a source of information by others.

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.

Airport Engineer 2018
Job Knowledge Areas

1. Knowledge of engineering principles and practices related to civil, structural, electrical, mechanical, and/or communications engineering for the planning, design, construction, commissioning, activation, maintenance, and operation of airport facilities and infrastructure in order to meet operational necessities of the airports.

2. Knowledge of technical requirements and regulations related to the Federal Aviation Administration (FAA) and Transportation Security Administration (TSA) standards, including standards related to airport design, construction standards, and/or airfield pavement design standards, in order to ensure the safety of the airport facilities .

3. Knowledge of the layout, functions, and components of various airfield operational areas (AOA), including runway and taxiway movements, cargo operations, remain overnight parking (RON), ground service equipment, and/or aircraft maintenance areas, in order to appropriately plan future airside improvements, such as expansions of runways.

4. Knowledge of the layout, functions, and components of various airport terminal facilities, including bridges, gates, and/or baggage systems, in order to plan and prepare designs, specifications, schedules, and estimates for airport passenger terminal facilities and complete future terminal improvements.

5. Knowledge of the Los Angeles World Airports (LAWA) policies and operations related to airport safety, including security badging requirements, airfield and terminal access restrictions, and information technology security,   in order to comply with LAWA security plans and ensure the safety of airport operations.

6. Knowledge of Federal, State, and City laws and regulations concerning the design, construction, planning, troubleshooting, maintenance, and operating functions of LAWA or similar airports, such as Federal Aviation Administration (FAA), Part 139 requirements, and FAA Advisory Circulars requirements, in order to maintain compliance with the Federal Aviation Administration and Department of Homeland Security.

Airport Engineer 2018
Project Management Knowledge Areas

1. Knowledge of the legal requirements of contracts, leases, and permits as they relate to the Los Angeles World Airports projects, such as contracts for construction, professional services, and tenant lease agreements, in order to oversee the execution and oversight of each and facilitate tenant coordination.

28. SUPERVISION – Ability to assume direct responsibility for all aspects of the performance of a work group, which requires knowledge and/or ability in the areas of:

- Planning and goal setting
- Creating a safe and positive work environment
- Establishing standards and training employees
- Motivating employees and teambuilding
- Performance Management (assigning, monitoring, facilitating, reviewing and evaluating work, and providing feedback)
- Supporting and developing employees through delegation and participation
- Taking disciplinary action including progressive discipline
- Provisions of employees' MOU's and handling grievances
- Legal requirements including EEO, ADA, FLSA, FMLA, and Workers' Compensation provisions
- Civil Service Commission Rules and Policies related to the management of employees
- Administrative Code provisions related to the management of employees
- Budget processes sufficient to request and justify expenditures in a correct and timely manner

Level of Competency Required by Job:

Level 1:   Supervises small workgroup of employees performing the same or highly related work.

Level 2:   Supervises a larger workgroup of employees performing various types of work.

Level 3:   Supervises employees including provision of coaching and advice to subordinate supervisors.

Examples of Behavioral Indicators:

- Plans, assigns, and monitors work progress.
- Trains employees to do work.
- Evaluates work and gives positive and negative feedback.
- Displays knowledge of legal requirements including applicable Federal and State laws, Administrative Code provisions, Civil Service Commission Rules and Policies, and MOU provisions.

Performance Levels:

Satisfactory

Proficiency in supervision sufficient to supervise a workgroup in terms of task orientation, interpersonal concerns, and personnel administration.

Superior

Proficiency in supervision sufficient to serve as a resource to others and/or represent department position in a public forum

32. RESPONSIVENESS AND FOLLOW-UP – Executes actions as requested or to which a commitment has been made; continues involvement as needed.

Level of Competency Required by Job:

Level 1:   Willingly accept job assignments and, upon completion, asks whether any other actions are necessary.

Level 2:   Ensure that all job responsibilities are fulfilled within their designated timeframes. Willingly accept, and may volunteer for, additional assignments, but does not overextend. Anticipate and accommodate the need for continued involvement.

Level 3:   Ensure that staff and other resources are available (or can be made available) to reasonably allow for completion of work before making a commitment. If not, make adjustments to ensure completion of work or re-establish priorities and communicate to all involved parties. Recognize the probable need for continuation of some staff involvement beyond the designated timeframe to ensure success.

Examples of Behavioral Indicators:

- Willingly accepts assignments and completes assigned work.
- Monitors "completed" work to determine whether additional issues to be addressed have arisen.
- Volunteers for assignments when able to assure their timely completion.
- Carefully considers available staff and resources, and competing priorities, before making commitments to complete additional work.

Performance Levels:

Satisfactory

Completes assigned work. Realistically appraises the likelihood of completing additional work before accepting or volunteering for it. Recognizes the usual need for follow-up once assignments are submitted.

Superior

Completes assigned work in an expeditious manner. Often ready to accept additional work or volunteer for it. Readjusts priorities and/or revises plans to maximize productivity. Diligently monitors the possible need for follow-up.

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.

49. PROJECT MANAGEMENT – Anticipates and plans for all aspects of a multi-faceted, discrete endeavor to ensure resources are available and actions are taken at proper times for successful completion.

Level of Competency Required by Job:

Level 1: Plan, coordinate, and oversee accomplishment of multi-step projects involving other employees.

Level 2: Design, plan, coordinate, and manage large, multi-faceted projects involving employees from various segments of the organization representing different perspectives.

Level 3: Design, plan, secure approval and resources, and manages large-scale, complex projects involving many employees representing a large number of diverse segments of the organization and perspectives, which may at times be in conflict.

Examples of Behavioral Indicators:

- Establishes project plans that gain management acceptance.
- Establishes realistic timeline and estimates of resources needed.
- Assembles appropriate team with complementary skills to efficiently execute all portions of a project.
- Secures necessary resources for successful project completion.
- Clearly designates roles/responsibilities/accountability.
- Addresses failure to perform or other problems in a timely and effective manner to minimize negative impact.

Performance Levels:

Satisfactory

Establishes acceptable project plan; assembles team with required skills; establishes personal responsibility/ accountability. Ensures the necessary time and resources are available.

Superior

Designs efficient project plan to maximize benefits and minimize use of resources. Designates precise mix of people to best accomplish the project. Completes on time, with resources allocated.