

**TRAINING SCHEDULE AND WORKING CONDITIONS  
Of the  
California Tooling & Machining Apprenticeship Association**

**OCCUPATION:      Quality Control Inspector      O\*NET: 51-9061.00  
Rapids: 0936 V1**

**ARTICLE XIV      Term of Apprenticeship and Probation**

The term of apprenticeship for the **Quality Control Inspector** occupation shall be **4,000** hours on-the-job training. There shall be an initial probationary period of **500** hours of OJT and **0** hours of Related and Supplemental Instruction.

**ARTICLE XVI      Wage Schedule**

Journeyman Wage: \$27.90 effective: 9-1-2019

Apprentices shall be paid not less than the following:

|                |          |            |                  |
|----------------|----------|------------|------------------|
| 1st period     | 6 months | 1000 hours | \$18.00 per hour |
| 2nd period 70% | 6 months | 1000 hours | \$19.53 per hour |
| 3rd period 80% | 6 months | 1000 hours | \$22.32 per hour |
| 4th period 95% | 6 months | 1000 hours | \$26.51 per hour |

Other Compensation: None

**Advancement Schedule:**

To advance from one period to the next the apprentice shall have met the following requirements:

- A. shall have satisfactorily completed the indicated on-the-job work hours; and
- B. shall have satisfactorily completed the indicated months in the program;
- C. shall have satisfactorily completed the indicated related and supplemental instruction school hours.

**Overtime Provision:** All overtime shall be paid at the rate of one and one-half times the wage rate for hours worked over 8 hours per day or 40 hours per week. Likewise, overtime must be paid for hours in excess of forty (40) in any one work week.

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Time spent in class of Related Instruction shall not be compensated.

Not to interfere with schooling, overtime shall not be permitted when related instruction classes are scheduled.

**Hours of Work and Working Conditions**

Straight time hours per day: 8 hours; 40 hours per week.

The work day and work week and all other conditions of employment for apprentices shall conform to all applicable laws and regulations and shall not be greater than for those of journeymen.

Overtime shall not be allowed if it will interfere with or impair the training or be detrimental to the health and safety of the apprentice.

**ARTICLE XVII     Work Training**

1. The employer shall see that all apprentices are under the supervision of a qualified journeyman or instructor and shall provide the necessary diversified experience and training in order to train and develop the apprentice into a skilled worker, proficient in all the work processes of the trade as outlined herein.
2. Each apprentice shall be trained in the use of new equipment, materials and process as they come into use in the occupation.
3. Each apprentice shall receive training and education in first aid, safe working practices and in the recognition of occupational health and safety hazards.
4. Each apprentice shall receive training in the recognition of illegal discrimination and sexual harassment.
5. The major work process in which apprentices will be trained as a (although not necessarily in the order listed) and the approximate hours (not necessarily continuous) to be spent on each are as follows:

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## WORK PROCESSES

### Quality Control Inspector

|          | <b>PROCESSES</b>  | <b>Minimum Hrs.</b> | <b>Recommended Hrs. *</b> |
|----------|---|---------------------|---------------------------|
| <b>A</b> | Performs 1 <sup>st</sup> Article, In Process and Final Inspections<br>(under qualified supervision)   | <b>2000</b>         | <b>2000</b>               |
| <b>B</b> | Writes Quality Control and Inspection Reports   | <b>400</b>          | <b>500</b>                |
| <b>C</b> | Develops Tests, Sampling, Control Charting & Analysis<br>(quality control procedures)   | <b>400</b>          | <b>500</b>                |
| <b>D</b> | Utilizes fixed gauging, semi-precision inspection tools, precision tools (CMM, Optical, Electronic, Software) and Demonstrates Proficiency in Calibration, Identifying Error & Deviation and Repeatable "Technique" | <b>1000</b>         | <b>1000</b>               |
|          |   |                     |                           |
|          |   | <b>TOTAL *</b>      | <b>4000</b>               |

\* 4000 hours of On-the-Job Training (OJT) are required to complete the apprenticeship. Any hours falling short of "recommended" in one category must be made up in other categories. If you cannot meet the "minimum" hours in one category, then we will ask the apprentice to fulfill those knowledge requirements through community college classes or other activities.

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**ARTICLE XI**      **Related Instruction**

Apprentices shall satisfactorily complete prescribed courses of related and supplemental instruction which will not be less than 144 hours per year.

| <b>Quality Control Instructor Related &amp; Supplemental Instruction</b> | <b>Note: Class Title &amp; Hours may vary between college locations</b> |
|--|---|
| <b>Class Title (Subject)</b>   | <b>Approx. No. Class Hours (not 'units')</b>                            |
| Machine Tool Technology I  | 60  |
| Reading Blueprints/Engineering Drawing                                   | 60  |
| Dimensional Metrology / GD&T   | 60  |
| Technical Math & Statistics  | 68  |
| Using CMM/Optical/Electronic Tools and Inspection Software               | 40  |

|   |
|---|
| <b>MINIMUM Hours:</b> 288 over the 4000 hours of On-the-Job Training Period |
|---|

**ARTICLE XV**      **Ratio**

A qualified employer may employ three (3) apprentices when at least one (1) journey-persons are regularly employed, and three (3) additional apprentices for each one (1) journey-person employed.