

## Certificates for Emmanuel Liwag

### Basic Information

|                   |          |
|-------------------|----------|
| <b>First Name</b> | Emmanuel |
| <b>Last Name</b>  | Liwag    |
| <b>Status</b>     | Active   |

### Associated Labs

| Lab Name          | Lab Lab Manager Name | Full Address | Lab Lab District | Page Alias |
|-------------------|----------------------|--------------|------------------|------------|
| No results found. |                      |              |                  |            |

### Test Methods

#### California Test (CT) Certifications

Total 7 items.

| Test Method  | Expiration Date | Status  | IA Responsible  | Within Lab(s) Scope | Comments      |
|--|-----------------|---------|-----------------|---------------------|---------------|
| CT 504 Air Content of PCC - Pressure Method (JTCP - PCC) | 2019-11-15      | Expired | Richard Hibbard | (No lab)            | (No comments) |
| CT 518 Unit Weight - PCC (JTCP - PCC)                    | 2019-11-15      | Expired | Richard Hibbard | (No lab)            | (No comments) |

| Test Method  | Expiration Date | Status  | IA Responsible  | Within Lab(s) Scope | Comments      |
|--|-----------------|---------|-----------------|---------------------|---------------|
| CT 539 Sampling Fresh Concrete (JTCP - PCC)                | 2019-11-15      | Expired | Richard Hibbard | (No lab)            | (No comments) |
| CT 540 Making Cylinders - PCC (JTCP - PCC)                 | 2019-11-15      | Expired | Richard Hibbard | (No lab)            | (No comments) |
| CT 543 Air Content of PCC - Volumetric Method (JTCP - PCC) | 2019-11-15      | Expired | Richard Hibbard | (No lab)            | (No comments) |
| CT 556 Slump - PCC (JTCP - PCC)                            | 2019-11-15      | Expired | Richard Hibbard | (No lab)            | (No comments) |
| CT 557 Temperature - PCC (JTCP - PCC)                      | 2019-11-15      | Expired | Richard Hibbard | (No lab)            | (No comments) |

### AASHTO/ASTM Proficiencies

| Test Method       | Expiration Date | Status | IA Responsible | Within Lab(s) Scope | Comments |
|-------------------|-----------------|--------|----------------|---------------------|----------|
| No results found. |                 |        |                |                     |          |