ChecklistGuro

Concrete Vibration Checklist

Show only Checklist

Display Style
Default

Pre-Vibration Assessment

Tasks to be completed before vibration commences to ensure proper setup and identify potential issues.

Concrete Mix Design Approved?

- [ ] Yes
- [ ] No
- [ ] N/A

Concrete Slump (in)

Enter a number...

Reinforcement Placement Confirmed?

- [ ] Yes
- [ ] No

Any Formwork Issues Observed?

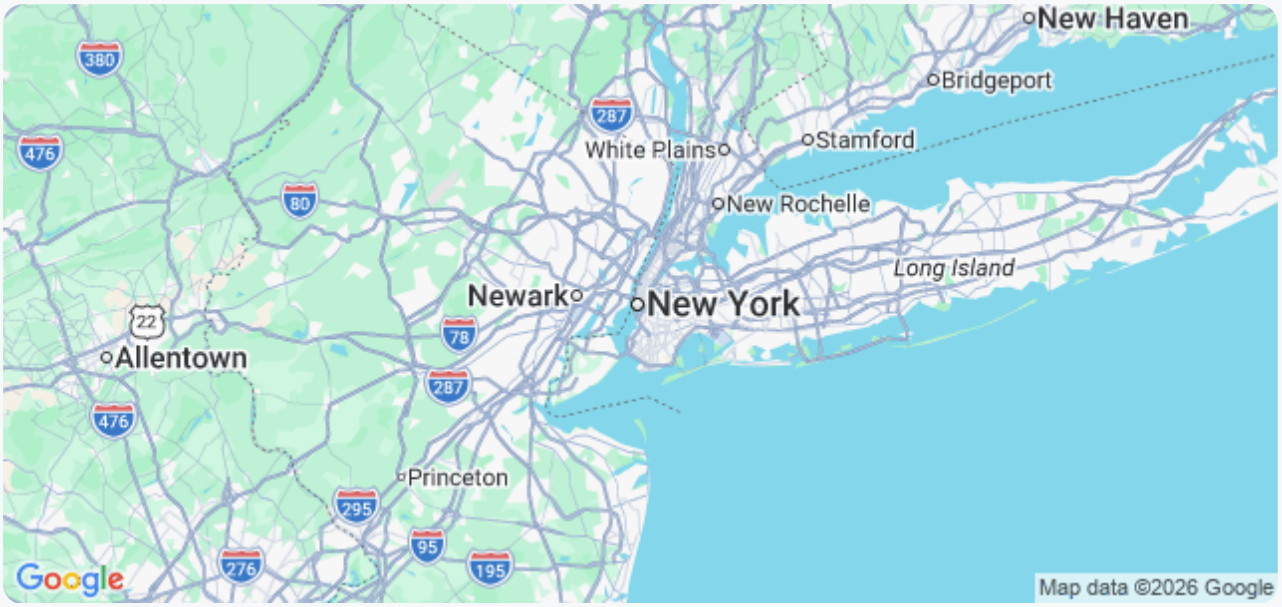
Write something...

Pour Date

Enter date...

Pour Location Coordinates

Set My Current Location



Weather Conditions Suitable?

- [ ] Yes
- [ ] No
- [ ] Uncertain

Vibrator Setup & Inspection

Verification of vibrator functionality, power supply, and connection to concrete.

Vibrator Serial Number

Enter a number...

Vibrator Type (Internal/External)

- [ ] Internal
- [ ] External

Power Supply Voltage (V)

Enter a number...

Power Cord Condition

- [ ] Good
- [ ] Fair
- [ ] Damaged - Needs Repair/Replacement

Frequency (Hz) - Measured

Enter a number...

Any Pre-Existing Damage/Notes?

Write something...

Vibrator Functionality Check (Motor/Mechanism)

- [ ] Functional
- [ ] Needs Repair

Amplitude Setting (if adjustable)

Enter a number...

Placement & Monitoring

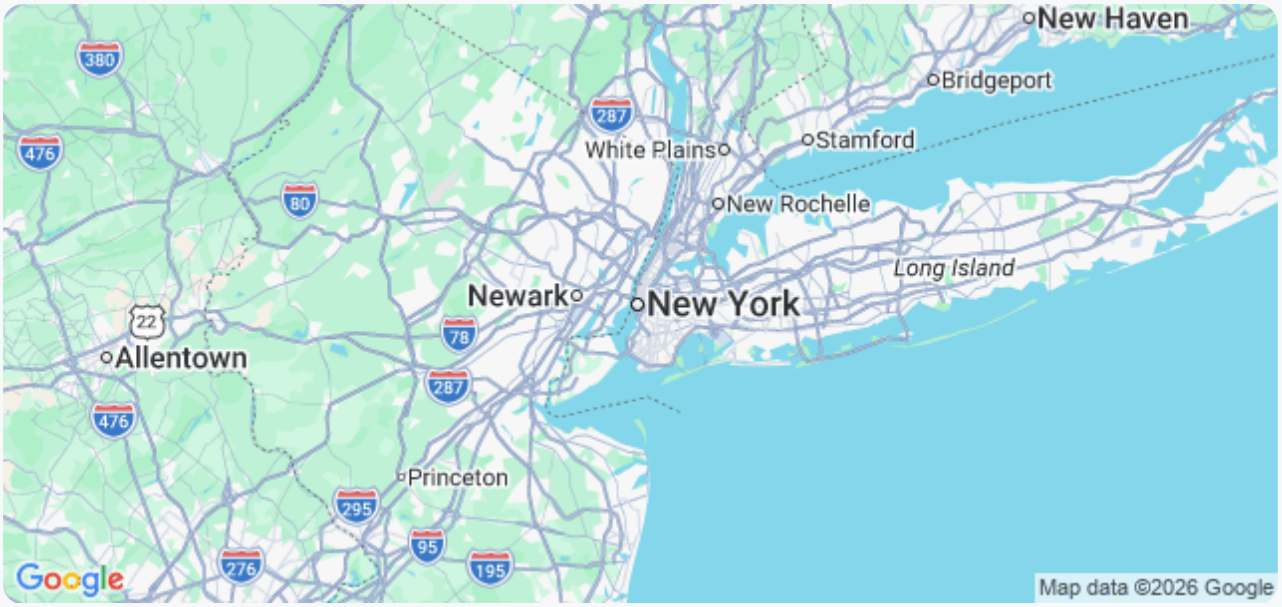
Proper vibrator placement within the concrete and monitoring of vibration characteristics.

Number of Vibrators Used

Enter a number...

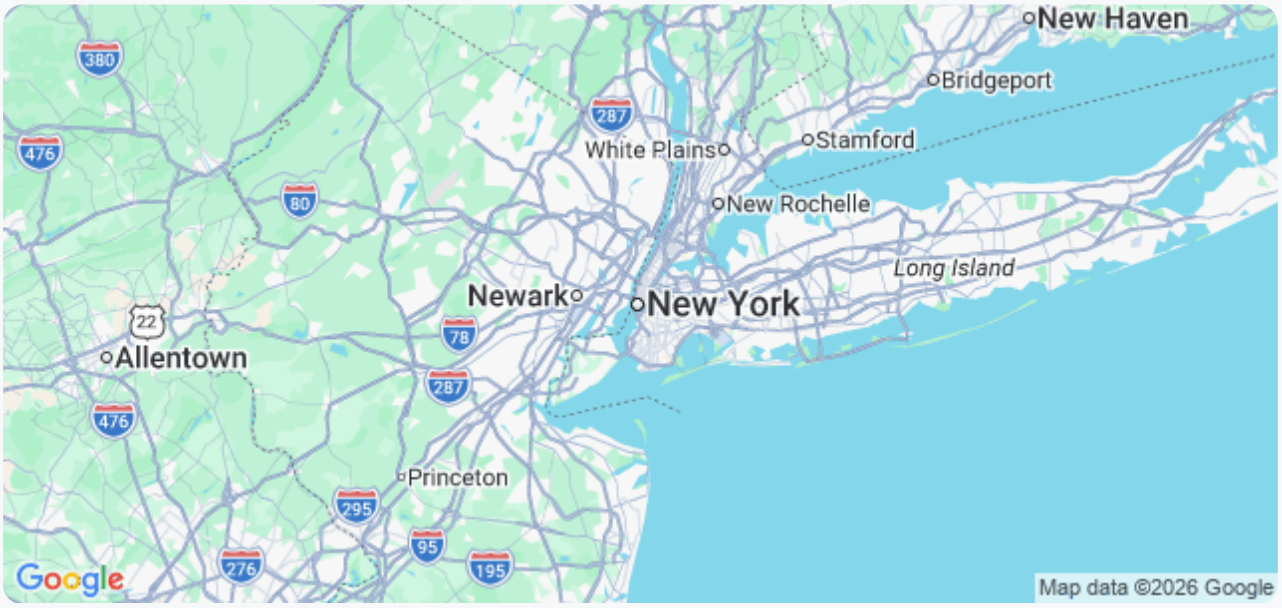
Vibrator Location 1 (GPS Coordinates)

Set My Current Location



Vibrator Location 2 (GPS Coordinates)

Set My Current Location



Vibration Frequency (Hz)

Enter a number...

Amplitude Setting (if adjustable)

Enter a number...

Vibrator Contact Method

- [ ] Direct
- [ ] Through Plywood
- [ ] Through Formwork
- [ ] Other (Specify)

Notes on Vibrator Positioning and Justification

Write something...

Start Time of Vibration (per location)

Enter time...

End Time of Vibration (per location)

Enter time...

Concrete Consolidation

Observation of concrete consolidation behavior and adjustments made during vibration.

Concrete Slump (inches)

- [ ] < 3
- [ ] 3 - 4
- [ ] 4 - 5
- [ ] 5 - 6
- [ ] > 6

Number of Vibrator Passes per Location

Enter a number...

Observations of Concrete Surface During Vibration

Write something...

Surface Bleeding Observed?

- [ ] Yes
- [ ] No

Describe any Segregation Observed (if applicable)

Write something...

Concrete Appearance After Vibration

- [ ] Smooth & Honeycombed
- [ ] Smooth & Uniform
- [ ] Slightly Rough
- [ ] Rough and Uneven

Time (minutes) of Vibration per Location

Enter a number...

Post-Vibration Assessment

Evaluation of the concrete surface and identifying any potential issues after vibration.

Surface Appearance - Is the concrete surface smooth and free of honeycombing?

- [ ] Yes
- [ ] No
- [ ] Unsure

Surface Void Depth (if any):

Enter a number...

Detailed description of surface conditions (e.g., visible voids, air pockets, texture):

Write something...

Air Entrapment – Are there any signs of excessive air entrapment?

- [ ] Yes
- [ ] No
- [ ] Unsure

Note any corrective actions taken after vibration (e.g., additional finishing):

Write something...

Bleeding - Is there excessive bleeding?

- [ ] Yes
- [ ] No
- [ ] Unsure

Inspector Signature

Date of Inspection

Enter date...

Documentation & Sign-off

Record of observations, adjustments, and confirmation of successful vibration.

Date of Vibration

Enter date...

Start Time of Vibration

Enter time...

End Time of Vibration

Enter time...

Duration of Vibration (minutes)

Enter a number...

Summary of Observations & Adjustments

Write something...

Vibration Outcome

- [ ] Satisfactory
- [ ] Requires Adjustment
- [ ] Unsatisfactory

Concrete Technician Signature

Vibator Type

- [ ] Internal
- [ ] External
- [ ] Both

Supporting Photos/Videos (Optional)

Upload File