# Definitions for 29 County Highway Construction Operators


## Operators Class 1

<table>
<thead>
<tr>
<th>Equipment Type</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Types of Cranes *</td>
<td>Bulldozers &amp; Tractors</td>
</tr>
<tr>
<td>All Type of Backhoes</td>
<td>Log Skidder</td>
</tr>
<tr>
<td>Drag Line</td>
<td>Motor Patrols</td>
</tr>
<tr>
<td>Keystones</td>
<td>Chipper With Boom</td>
</tr>
<tr>
<td>All Types of Shovels</td>
<td>Mechanic Welders</td>
</tr>
<tr>
<td>Derricks</td>
<td>Hydro Ax</td>
</tr>
<tr>
<td>Trench Shovels</td>
<td>Side Boom</td>
</tr>
<tr>
<td>Trenching Machines</td>
<td>Tree Spade</td>
</tr>
<tr>
<td>All Pavers (Blacktop &amp; Concrete)</td>
<td>Bob Cat Type (With Attachments)</td>
</tr>
<tr>
<td>Gradalls</td>
<td>Boring Machines Including Directional Boring Machines</td>
</tr>
<tr>
<td>All Front End Loaders</td>
<td>All Autograde &amp; Concrete Finishing Machines (Excluding Trowel Machines)</td>
</tr>
<tr>
<td>Tandem Scrapers</td>
<td>Concrete Breaking Machines</td>
</tr>
<tr>
<td>Pippin Type Backhoes</td>
<td>High Rail/Burro Crane</td>
</tr>
<tr>
<td>Batch Plant With Mixer</td>
<td>Rail Loader (Winch Boom Type)</td>
</tr>
<tr>
<td>Drill Self-Contained (Drillmaster Type)</td>
<td>Production Switch Tamper</td>
</tr>
<tr>
<td>Milling Machine</td>
<td>Ballast Regulators</td>
</tr>
<tr>
<td>Vermeer Saw</td>
<td>Tie Replacer</td>
</tr>
<tr>
<td>Conveyor Loader (Euclid Type)</td>
<td>Rail/Road Loader</td>
</tr>
</tbody>
</table>
* On all machines with booms, jibs, masts and leads 100 feet and over, twenty-five ($0.25) cents per hour additional will be paid for each increment of 25 feet over 100 feet. On machines with booms (including jibs, masts and leads, etc.), 200 feet and over, two operating engineers shall be required.

**Machines Similar to above including remote control equipment**

**Operators Class 1a**

<table>
<thead>
<tr>
<th>Crawler Backhoes Over One Cubic Yard (Factory Rating)</th>
<th>Cherry Picker Type Machinery and Equipment 15 Tone and Over</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydraulic Backhoes Over One Cubic Yard (Factory Rating)</td>
<td>Single Person Operation Truck Cranes 15 Ton and Over (Factory Rating)</td>
</tr>
<tr>
<td>All Types of Cranes 15 Ton and Over (Factory Rating)</td>
<td>Equipment in this wage group that does not require an oiler</td>
</tr>
</tbody>
</table>

**Machines Similar to above including remote control equipment**

**Operators Class 2**

<table>
<thead>
<tr>
<th>Spreaders</th>
<th>Stump Grinder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asphalt Plant Engineers</td>
<td>Grease Truck</td>
</tr>
<tr>
<td>Rollers (High Grade Finishing)</td>
<td>Fork Lifts (20 Feet &amp; Over)</td>
</tr>
</tbody>
</table>

**Machines Similar to above including remote control equipment**

**Operators Class 3**

<table>
<thead>
<tr>
<th>Welding Machines</th>
<th>Rollers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Points</td>
<td>Miscellaneous Equipment Operator</td>
</tr>
<tr>
<td>Compressors</td>
<td>Seaman Pulverizing Mixer</td>
</tr>
<tr>
<td>Pumps</td>
<td>Tireman (For Power Equipment)</td>
</tr>
</tbody>
</table>
Heaters

Farm Tractors

Form Line Graders

Ditch Witch Type Trencher

Road Finishing Machines

Concrete Breaking Machines (Guillotine Type)

Power Broom

Conveyor Landers Other Then Euclid Type

Seeding Spreader

Conveyors

Driller Second Class

Fork Lifts (Under 20 Feet)

Machines Similar to above including remote control equipment

Operators Class 4

Fireman

Machines Similar to above including remote control equipment

Operators Class 5

Oilers & Deck Hands (Personnel Boats)

Machines Similar to above including remote control equipment

Operators Class 6

On All machines with Booms (Including Jibs, Masts Leads, Etc.) 100 Feet

Machines Similar to above including remote control equipment

Operators Class 6a

On all machines with Booms (Including Jibs, Masts Leads, Etc.) 100 Feet 15 Ton and Over (Factory Rating)

Equipment in this wage group that does not require an oiler

Machines Similar to above including remote control equipment

Operators Class 7a (Toxic/Hazardous Waste Removal)
Pile Drivers or Engineers - Working with Dock Builder & Pile Drivers

All Types of Cranes

All Types of Backhoes

Drag Line

Keystones

All Types of Shovels

Derricks

Trench Shovels

Trenching Machines

All Pavers (Blacktop & Concrete)

Gradalls

All Front End Loaders

Tandem Scrapers

Pippin Type Backhoes

Batch Plant With Mixer

Drill Self-Contained (Drillmaster Type)

CMI Autograde

Vermeer Saw

Scrapers & Tournapulls

Chipper With Boom

Boring Machines Including

Directional Boring Machine

Conveyor Loader (Euclid Type)

Bulldozers & Tractors

Hydro Ax

Concrete pumps

Tree Spade

Motor Patrols

All Autograde & Concrete Machines (Excluding Trowel Machines)

Gradalls

All Front End Loaders

Tandem Scrapers

Pippin Type Backhoes

Batch Plant With Mixer

Drill Self-Contained (Drillmaster Type)

CMI Autograde

Vermeer Saw

Scrapers & Tournapulls

Machines Similar to above including remote control equipment

Motor Patrols

All Autograde & Concrete Machines (Excluding Trowel Machines)

Tie Replacer

Bob Cat Type (With Attachments)

Ballast Regulators

Concrete Breaking Machines

Side Boom

Bulldozers & Tractors

Hydro Ax

Concrete pumps

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