



DEPARTMENT OF ADMINISTRATIVE SERVICES
CONSTRUCTION SERVICES
OFFICE OF STATE FIRE MARSHAL

CRANE OPERATOR'S LICENSE
APPLICANTS INSTRUCTIONS

1. Please type or print all responses
2. Submit a head and shoulder photograph 1½" X 1½" with application
3. Fill out "Work experience" section on page 4
4. **Enclose \$50.00 application fee** (includes written and practical exams)
Make checks payable to: Treasurer State of Connecticut

Type of License(s) being applied for: See page 2 for code(s):

Code(s): _____

PERSONAL INFORMATION:

Name: (Last, First, Middle)			Social Security #	
Height	Weight	Color or Hair	Color of Eyes	Date of Birth

PERMANENT ADDRESS (Must be one through which you are certain of being reached)

Number & Street	Email:
City, State and Zip Code	Telephone Number

MOTOR VEHICLE OPERATOR LICENSE INFORMATION

State : _____ Operator's license number: _____
CDL License : Yes <input type="checkbox"/> No <input type="checkbox"/> Class: _____

Previous licensing:

Do you hold or have you held a valid crane operator's license issued by the Federal Government or any other State or City? Yes No

If yes, provide the name and address of the issuing agency along with the license number, type of license and date(s) held.

Agency: _____

Address: _____

License Number: _____ Current/Valid: Yes No Type: _____

I hereby make application for a license as a Crane Operator and certify, under penalty of False Statement (C.G.S. 53a-157), that the information on both sides of this form is true and correct to the best of my knowledge and belief.

SIGNATURE: _____ DATE: _____



- **State of Connecticut – Crane Type and Capacity Codes**
 - See next page of an explanation of the crane types

Hydraulic Cranes

Code:

- **H(a)** - 30 tons and over*
- **H(b)** - 5 tons up to 30 tons (not including 30 ton)*
- **H(c)** - Between 1 ton and 5 ton (not including 5 ton)
- **H(d)** - Articulating between 1 ton and 5 ton (not including 5 ton)
- **H(e)** - Non-Articulating, non-rotational 1 ton - 5 ton (not including 5 ton)
- **H(f)** - Forklift with hook or winch
 - **H(f1)** - 5 ton and over
 - **H(f2)** - 1 ton up to 5 ton (not including 5 ton)
- **H(g)** - Gantry/Straddle used for construction)
- **H(pd)** - Dedicated Pile driver
- **H(z)**- Other

Tower ***

Code:

- **T(a)** - Tower
- **T(b)** - Carrier mounted or crawler mounted tower and/or luffer**
- **T(c)** - Tower cranes not meeting Ansi B-30.3 Standard

Lattice Boom ***

Code:

- **L(a)** - Lattice Boom
- **L(b)** - Under 5 ton (not including 5 ton)
- **L(sb)** - Side Boom

Derrick ***

Code:

- **D**- Derrick

* Articulating cranes falling in these tonnage categories

** Luffer must luff on cable

*** Lattice, Derrick, Tower – boom regardless of how it's powered



Explanation of Crane Types and Capacities

The **hydraulic crane** category has the most licenses. The H(a), 30 ton and over license, includes articulating cranes in those capacities. Holders of the H(a) license are also licensed to operate H(b), H(c), H(d), H(e), H (g) and H(z) cranes. The H(b), 5 tons up to 30 tons (not including 30 ton), also including articulating cranes in those tonnages, supersedes H(c), H(d), and H(e).

The H(c), H(d), and H(e) licenses are stand alone and individually are only good for those specific cranes. H(c) is between 1 ton and 5 tons, but not including 5 tons. H(d) is articulating between 1 ton and 5 tons, but not including 5 tons. H(e) is non-articulating, non-rotational 1 ton to 5 tons, but not including 5 tons. The H(f) is also stand alone and is a forklift with a hook or winch. H(f1) is 5 ton and over, H(f2) is 1 ton to 5 ton, not including 5 ton. If a person possess an *H(a), H(b), L(a), T(a), T(b) license they only need to practical test to get H(f1). If a person possess an H(c), H(d), H(e), L(b) license they only need to practical test to get H(f2). Both H(f1), and H(f2) need to take a written and practical test. H(f1) supersedes H(f2).* H(g) is a Gantry/Straddle crane used for construction purposes. H(pd) is a dedicated pile driver. H(z), other, are cranes not meeting other license criteria.

The next largest category is **tower crane**. The T(a), tower license, supersedes the T(c) license. The T(b), carrier or crawler mounted tower and/or luffer, supersedes the T(c) license. In order to be considered a luffer it must luff by way of cable. The T(c) license is for tower cranes that do not meet the ANSI B30.3 standard.

The next largest category is **lattice boom crane**. The L(a) license is for lattice booms 5 ton and above. The L(b) license is for lattice booms less than 5 tons, but not including 5 tons. The L(sb) license includes any side boom crane.

The final category is **derrick**. The categories of lattice boom, derrick, and tower are basically categorized by boom design. Cranes in those categories reside there regardless of how they are powered.



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Application for a Crane Operator's License

Work Experience

Employed in Operation or Maintenance of a Crane				Employer's Name and Mailing Address				Duties		Crane Description									
From:		To:						Operate	Maint	Over 5 Ton		Tower		Hydraulic		Derrick		Mobile	
Mo.	Yr.	Mo.	Yr.					Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No

The processing of your application will be expedited if you will submit, with this application, a letter from each employer, verifying the experience claimed. Experience claimed will be verified with each employer.

Is your crane experience primarily related to the operation of a cherry picker type hydraulic crane? Yes No.
 If yes, enter the percentage of your work experience limited to the operation of a cherry picker type hydraulic crane. _____ %