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Department of Hawaiian Home Lands - Land Development Division

SIGN-IN SHEET

IFB-16-HHL-005	Project Description: This project is for a 2-bedroom house renovation at 82 Andrews Avenue and a 3-bedroom house renovation at 372 Desha Avenue.
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INSTRUCTIONS

Read this packet carefully. If you have any questions, please call Isaac Takahashi, LDD Project Manager, at 808-620-9235 or email to isaac.m.takahashi@hawaii.gov.

Note: Please fax this sheet to 620-9299, mail or email to kehaulani.a.quartero@hawaii.gov after downloading this document from the Department of Hawaiian Home Lands website. **NOTE: This sign-in sheet cannot be used as the Notice of Intent to Bid.**

Pre-Bid Conference/Site Inspection:	Date: November 12, 2015 Time: 9:30 am Location: East Hawaii District Office, 160 Baker Ave., Hilo, Hawaii 96720
Notice of Intention to Bid must be received by:	Date: November 24, 2015 Time: 2:00 pm Location: Hale Kalaniana'ole, 91-5420 Kapolei Parkway, Kapolei, HI Submittal of a Notice of Intention to Bid, via facsimile at (808)620-9299 or email to kehaulani.a.quartero@hawaii.gov , is acceptable.
Bid Offer Form due:	Date: December 4, 2015 Time: 10:00 am Location: DHHL East Hawaii District Office
Bid Opening:	Date: December 4, 2015 Time: 10:00 am Location: East Hawaii District Office 160 Baker Avenue Hilo, Hawaii 96720
Company:	Date: _____
Address:	_____
Phone No.	Cell No.
Fax No.	_____
Email Address:	_____
Contact Person:	_____

Signature of Person Downloading Packet (Print Name & Title after signature)

**NOTICE TO BIDDERS
INVITATION FOR BID
Department of Hawaiian Home Lands
Land Development Division
IFB NO.: IFB-16-HHL-005**

SEALED BIDS for IFB No.: IFB-16-HHL-005, 2-BEDROOM HOUSE RENOVATION (LOT 58-B-1) AND 3-BEDROOM HOUSE RENOVATION (LOT 131-A-3), HILO, County of Hawaii, State of Hawaii, will be received by the Department of Hawaiian Home Lands (DHHL), at East Hawaii District Office, 180 Baker Avenue, Hilo, Hawaii 96720, until **10:00 a.m., Hawaii Standard Time (H.S.T.) December 4, 2015**, at which time all bids will be publicly opened and read aloud. Bids received after the time fixed for opening or delivered anywhere other than as specified above will not be considered.

This project consists of the renovation of a 2-bedroom house located at 82 Andrews Avenue and the renovation of a 3-bedroom house located at 372 Desha Avenue.

To be eligible to submit a bid, the Bidder and/or his subcontractors shall possess all required valid State of Hawaii licenses and specialty licenses needed to perform the work for this project. A surety bid bond will be required for this Invitation for Bids (IFB).

This project is subject to Section 103D, Hawaii Revised Statutes, and to the payment of not less than the prevailing salaries and wages promulgated by the State of Hawaii, Department of Labor and Industrial Relations. Contractor shall also comply with U.S. Department of Housing and Urban Development (HUD) Federal Labor Standards Provisions.

Bid documents may be examined at or obtained from DHHL at the Department of Hawaiian Home Lands website:

<http://www.dhhl.hawaii.gov/procurement/>

There is no fee assessment to download the IFB documents from the DHHL website.

It is the responsibility of Interested Bidders to check the DHHL website for any addenda issued by DHHL.

All prospective bidders/offerors are invited to attend a PRE-BID CONFERENCE to be held **9:30 a.m., H.S.T., on November 12, 2015**, at the East Hawaii District Office located at 180 Baker Avenue, Hilo, Hawaii 96720. Subcontractors and union representatives are also invited to attend. The conference is to provide bidders/offerors with an opportunity to ask questions about the contractual requirements and technical aspects of the project. A site visit of the project site will follow the pre-bid conference. Attendance of the pre-bid conference and/or site visit is not a condition for submitting a bid, but strongly recommended. Persons needing special accommodations due to a disability may submit such requests to Isaac Takahashi, Land Development Division, via facsimile at (808) 620-9299, or e-mail to isaac.m.takahashi@hawaii.gov.

A written NOTICE OF INTENTION TO BID is required and shall be received by the DHHL, Land Development Division, at 91-5420 Kapolei Parkway, Kapolei, Hawaii 96707, no later than November 24, 2015. Submittal of a NOTICE OF INTENTION TO BID via facsimile at (808) 620-9299, or e-mail to kehaulani.a.quartero@hawaii.gov is acceptable.

A properly executed and notarized STANDARD QUALIFICATION QUESTIONNAIRE FOR OFFERORS, SPO Form-21 ("Questionnaire") is required and shall be submitted by mail or hand-delivery to the DHHL Land Development Division, at 91-5420 Kapolei Parkway, Kapolei, Hawaii 96707 for evaluation no later than ten calendar days prior to the day designated for opening bids. The Questionnaire is included with the bid documents, and can be downloaded at the State Forms Central website:

<http://spo.hawaii.gov/all-forms/>

Bids shall comply with the requirements of the IFB. Bids that do not comply with the IFB may be subject to disqualification. DHHL reserves the right to amend the IFB by written addenda, to reject any and all bids, or to waive any defects in said bids where DHHL deems it is in the best interest of the State.

CAMPAIGN CONTRIBUTIONS BY STATE AND COUNTY CONTRACTORS PROHIBITED. If awarded a contract in response to this solicitation, offeror agrees to comply with HRS §11-355, which states that campaign contributions are prohibited from a State and county government contractor during the term of the contract if the contractor is paid with funds appropriated by the legislative body between the execution of the contract through the completion of the contract.

Questions regarding this project may be directed in writing to Isaac Takahashi, Land Development Division, DHHL, 91-5420 Kapolei Parkway, Kapolei, Hawaii 96707, via facsimile at (808) 620-9299, or e-mail to isaac.m.takahashi@hawaii.gov.

Dated at Honolulu, Hawaii, this 5th day of November, 2015.

DEPARTMENT OF HAWAIIAN HOME LANDS



Jobie M. K. Masagatani, Chairman
Hawaiian Homes Commission

Posted on the internet at: <http://spo3.hawaii.gov/notices/notices>

State of Hawai'i
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
Princess Ruth Ke'elikolani Building
830 Punchbowl Street
Honolulu, Hawai'i 96813

September 21, 2015
WAGE RATE SCHEDULE BULLETIN NO. 486

This schedule of wage rates contained herein is recognized by the Director of Labor and Industrial Relations to be prevailing on public construction work for the purposes of Chapter 104, Hawai'i Revised Statutes. The schedule of wage rates determines the applicable wage determination for each classification and does not impose any staffing requirements for any classification. The schedule of wage rates is applicable only to those laborers and mechanics employed at the site of work.

As required by law, future wage rates for laborers and mechanics are incorporated into this bulletin based on available information and are subject to change. Whenever the Director determines that the prevailing wage has increased as shown in the wage rate schedule, the contractor must increase the wages accordingly during the performance of the contract. For addenda or additional wage rate schedules, please consult the Internet at <http://labor.hawaii.gov/rs>.

The Apprentice Schedule is available on the Internet or upon request from the Research and Statistics Office. Pursuant to Section 12-22-6 (1), Hawai'i Administrative Rules, the Apprentice Schedule is applicable only to apprentices who are parties to apprenticeship agreements registered with or recognized by the Department of Labor and Industrial Relations.

Questions on the schedule should be referred to the Research and Statistics Office at (808) 586-9019.

The next regular schedule will be issued on or about February 15, 2016.

LINDA CHU TAKAYAMA
Director



STATE OF HAWAII
DAVID Y. IGE, Governor

DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
LINDA CHU TAKAYAMA, Director

RESEARCH AND STATISTICS OFFICE
PHYLLIS DAYAO, Research & Statistics Officer

OPERATIONS MANAGEMENT INFORMATION STAFF
Janet Kaya, Supervisor

In cooperation with:
WAGE STANDARDS DIVISION
PAMELA MARTIN, Administrator

WAGE RATE SCHEDULE BULLETIN NO. 486

Classification	Current			2016			2017			2018			Remarks See Pg 6-8
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	
* ASPHALT PAVING GROUP:	9/21/15												
Asphalt Concrete Material Transfer	\$69.34	\$39.42	\$29.92	-	-	-	-	-	-	-	-	-	13
Asphalt Raker	\$68.38	\$38.46	\$29.92	-	-	-	-	-	-	-	-	-	13
Asphalt Spreader Operator	\$69.86	\$39.94	\$29.92	-	-	-	-	-	-	-	-	-	13
Laborer, Hand Roller	\$65.61	\$35.69	\$29.92	-	-	-	-	-	-	-	-	-	13
Roller Operator (5 tons and under)	\$68.11	\$38.19	\$29.92	-	-	-	-	-	-	-	-	-	13
Roller Operator (over 5 tons)	\$69.54	\$39.62	\$29.92	-	-	-	-	-	-	-	-	-	13
Screed Person	\$69.34	\$39.42	\$29.92	-	-	-	-	-	-	-	-	-	13
EQUIPMENT OPERATOR:													
Combination Loader/Backhoe (over 3/4 cu. yd.)	\$68.38	\$38.46	\$29.92	-	-	-	-	-	-	-	-	-	13
Combination Loader/Backhoe (up to 3/4 cu. yd.)	\$67.40	\$37.48	\$29.92	-	-	-	-	-	-	-	-	-	13
Concrete saws and/or Grinder (self-propelled unit on streets, highways, airports and canals)	\$69.34	\$39.42	\$29.92	-	-	-	-	-	-	-	-	-	13
Grader, Soil Stabilizer, Cold Planer	\$70.17	\$40.25	\$29.92	-	-	-	-	-	-	-	-	-	13
Loader (2-1/2 cu. yds. and under)	\$69.34	\$39.42	\$29.92	-	-	-	-	-	-	-	-	-	13
Loader (over 2-1/2 cu. yds. to and including 5 cu. yds.)	\$69.66	\$39.74	\$29.92	-	-	-	-	-	-	-	-	-	13
TRUCK DRIVER:													
Assistant to Engineer	\$68.11	\$38.19	\$29.92	-	-	-	-	-	-	-	-	-	13
Oil Tanker (double), Hot Liquid Asphalt Tanker	\$69.66	\$39.74	\$29.92	-	-	-	-	-	-	-	-	-	13
Semi-Trailer, Semi-Dump, Asphalt Distributor	\$69.34	\$39.42	\$29.92	-	-	-	-	-	-	-	-	-	13
Slip-in or Pup	\$69.66	\$39.74	\$29.92	-	-	-	-	-	-	-	-	-	13
Single or Rock Cans Tandem Dump Truck (8 cu. yds. & under, water level)	\$68.38	\$38.46	\$29.92	-	-	-	-	-	-	-	-	-	13
Single or Rock Cans Tandem Dump Truck (over 8 cu. yds., water level)	\$68.69	\$38.77	\$29.92	-	-	-	-	-	-	-	-	-	13
Tractor Trailer (hauling equipment)	\$69.77	\$39.85	\$29.92	-	-	-	-	-	-	-	-	-	13
Utility, Flatbed	\$68.11	\$38.19	\$29.92	-	-	-	-	-	-	-	-	-	13
* BOILERMAKER	2/16/15												
	\$63.63	\$34.18	\$29.45	-	-	-	-	-	-	-	-	-	13
* CARPENTER:	9/21/15			8/29/16			9/4/17			9/3/18			
Carpenter; Patent Scaffold Erector (Over 14 feet); Piledriver; Pneumatic Nailer	\$64.86	\$43.90	\$20.96	\$66.86	\$45.65	\$21.21	\$68.91	\$47.45	\$21.46	\$71.16	\$49.45	\$21.71	1,12,13
Millwright	\$65.11	\$44.15	\$20.96	\$67.11	\$45.90	\$21.21	\$69.16	\$47.70	\$21.46	\$71.41	\$49.70	\$21.71	1,12,13
Power Saw Operator (2 h.p. & above)	\$65.01	\$44.05	\$20.96	\$67.01	\$45.80	\$21.21	\$69.06	\$47.60	\$21.46	\$71.31	\$49.60	\$21.71	1,12,13
* CEMENT FINISHER:	9/21/15			8/29/16			9/4/17			9/3/18			
Cement Finisher; Curb Setter; Precast Panel Setter; Manhole Builder	\$63.73	\$37.90	\$25.83	\$65.34	\$38.50	\$26.84	\$66.98	\$39.10	\$27.88	\$68.53	\$39.80	\$28.73	2,12,13
Trowel Machine Operator	\$63.88	\$38.05	\$25.83	\$65.49	\$38.65	\$26.84	\$67.13	\$39.25	\$27.88	\$68.68	\$39.95	\$28.73	2,12,13
* CHAIN-LINK FENCE ERECTOR (Note: increase on 10/5/15)	10/1/14			10/3/16			10/2/17			10/1/18			
	\$30.55	\$19.00	\$11.55	\$34.45	\$21.30	\$13.15	\$36.55	\$22.60	\$13.95	\$38.75	\$24.00	\$14.75	10,13
	10/5/15												
	\$32.40	\$20.10	\$12.30										10,13
* CHLORINATOR	9/21/15												
	\$23.00	\$23.00	\$0.00	-	-	-	-	-	-	-	-	-	

WAGE RATE SCHEDULE BULLETIN NO. 486

Classification	Current			2016			2017			2018			Remarks See Pg 6-8
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	
* DIVER:	9/21/15												
Diver (Aqua Lung) (Scuba) - Up to a depth of 30 feet	\$82.49	\$53.13	\$29.36	-	-	-	-	-	-	-	-	-	13
Diver (Aqua Lung) (Scuba) - Over a depth of 30 feet	\$91.86	\$62.50	\$29.36	-	-	-	-	-	-	-	-	-	13
Stand-By Diver (Aqua Lung) (Scuba)	\$73.11	\$43.75	\$29.36	-	-	-	-	-	-	-	-	-	13
Diver (Other than Aqua Lung)	\$91.86	\$62.50	\$29.36	-	-	-	-	-	-	-	-	-	3,13
Stand-By Diver (Other than Aqua Lung)	\$73.11	\$43.75	\$29.36	-	-	-	-	-	-	-	-	-	3,13
Tender (Other than Aqua Lung)	\$70.08	\$40.72	\$29.36	-	-	-	-	-	-	-	-	-	13
* DRAPERY INSTALLER	9/21/15												
	\$19.68	\$16.82	\$2.86	-	-	-	-	-	-	-	-	-	
* DRYWALL INSTALLER	9/21/15			8/29/16			9/4/17			9/3/18			
	\$65.11	\$44.15	\$20.96	\$67.11	\$45.90	\$21.21	\$69.16	\$47.70	\$21.46	\$71.41	\$49.70	\$21.71	12,13
* ELECTRICIAN	8/23/15			2/21/16									
Cable Splicer (inside/outside)	\$75.89	\$47.36	\$28.53	\$76.65	\$47.74	\$28.91	-	-	-	-	-	-	4,13
Ground Worker (outside)	\$66.22	\$32.29	\$23.93	\$66.82	\$32.55	\$24.27	-	-	-	-	-	-	4,13
Heavy Equipment Operator (outside)	\$64.66	\$38.75	\$25.91	\$65.31	\$39.06	\$26.25	-	-	-	-	-	-	4,13
Line Installer (outside); Wire Installer (inside)	\$70.27	\$43.05	\$27.22	\$70.98	\$43.40	\$27.58	-	-	-	-	-	-	4,13
Technician (inside/outside)	\$71.95	\$44.34	\$27.61	\$72.68	\$44.70	\$27.98	-	-	-	-	-	-	4,13
Telecommunication Worker	9/21/15			8/28/16			9/3/17						
Licensed Technician	\$39.49	\$27.68	\$11.81	\$40.78	\$28.79	\$11.99	\$42.13	\$29.94	\$12.19	-	-	-	13
Technician I / Splicer	\$37.87	\$26.30	\$11.57	\$39.09	\$27.35	\$11.74	\$40.38	\$28.44	\$11.94	-	-	-	13
* ELEVATOR CONSTRUCTOR MECHANIC	2/16/15												
	\$81.455	\$53.07	\$28.385	-	-	-	-	-	-	-	-	-	13
* EQUIPMENT OPERATOR:	9/21/15												
Group 1	\$67.80	\$38.44	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 2	\$67.91	\$38.55	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 3	\$68.08	\$38.72	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 4	\$68.35	\$38.99	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 5	\$68.66	\$39.30	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 6	\$69.31	\$39.95	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 7	\$69.63	\$40.27	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 8	\$69.74	\$40.38	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 9	\$69.85	\$40.49	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 9A	\$70.08	\$40.72	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 10	\$70.14	\$40.78	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 10A	\$70.29	\$40.93	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 11	\$70.44	\$41.08	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 12	\$70.80	\$41.44	\$29.36	-	-	-	-	-	-	-	-	-	5,13
Group 12A	\$71.16	\$41.80	\$29.36	-	-	-	-	-	-	-	-	-	5,13
FENCE ERECTOR (CHAIN-LINK TYPE)													
See Chain-Link Fence Erector	-	-	-	-	-	-	-	-	-	-	-	-	
* FLOOR LAYER (CARPET, LINOLEUM & SOFT TILE)	3/1/15												
	\$56.90	\$31.15	\$25.75	-	-	-	-	-	-	-	-	-	13

WAGE RATE SCHEDULE BULLETIN NO. 486

Classification	Current			2016			2017			2018			Remarks See Pg 6-8
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	
* GLAZIER	9/21/15												
	\$63.15	\$34.78	\$28.37	-	-	-	-	-	-	-	-	-	6,13
* HELICOPTER WORK:	9/21/15												
Airborne Hoist Operator	\$71.66	\$42.30	\$29.36	-	-	-	-	-	-	-	-	-	13
Co-Pilot	\$71.80	\$42.44	\$29.36	-	-	-	-	-	-	-	-	-	13
Pilot	\$71.97	\$42.61	\$29.36	-	-	-	-	-	-	-	-	-	13
* INSULATOR	9/21/15						9/3/17			9/2/18			
	\$63.15	\$39.65	\$23.50	-	-	-	\$64.40	\$40.50	\$23.90	\$65.10	\$41.00	\$24.10	7,13
* IRONWORKER:	9/21/15			9/1/16									
Reinforcing, Structural	\$66.66	\$36.75	\$29.91	\$67.66	\$37.75	\$29.91	-	-	-	-	-	-	8,12,13
* LABORER:	8/31/15			8/29/16			9/4/17			9/3/18			
Driller	\$52.86	\$35.35	\$17.51	\$54.76	\$36.35	\$18.41	\$56.66	\$37.40	\$19.26	\$58.66	\$38.40	\$20.26	1,13
Guniting Operator or Shotcrete Operator	\$52.36	\$34.85	\$17.51	\$54.26	\$35.85	\$18.41	\$56.16	\$36.90	\$19.26	\$58.16	\$37.90	\$20.26	1,13
High Scaler (Working Suspended)	\$52.36	\$34.85	\$17.51	\$54.26	\$35.85	\$18.41	\$56.16	\$36.90	\$19.26	\$58.16	\$37.90	\$20.26	13
Laborer I	\$51.86	\$34.35	\$17.51	\$53.76	\$35.35	\$18.41	\$55.66	\$36.40	\$19.26	\$57.66	\$37.40	\$20.26	1,13
Laborer II	\$49.26	\$31.75	\$17.51	\$51.16	\$32.75	\$18.41	\$53.06	\$33.80	\$19.26	\$55.06	\$34.80	\$20.26	1,13
Light/Final Clean-up (Janitorial) Laborer	\$39.09	\$25.75	\$13.34	\$41.04	\$26.75	\$14.29	\$42.94	\$27.80	\$15.14	\$44.92	\$28.80	\$16.12	1,13
Mason Tender/Hod Carrier	\$52.36	\$34.85	\$17.51	\$54.26	\$35.85	\$18.41	\$56.16	\$36.90	\$19.26	\$58.16	\$37.90	\$20.26	1,13
Powder Blaster	\$52.86	\$35.35	\$17.51	\$54.76	\$36.35	\$18.41	\$56.66	\$37.40	\$19.26	\$58.66	\$38.40	\$20.26	1,13
Window Washer (Outside) (On bosun's chair, cable-suspended scaffold or work platform)	\$51.36	\$33.85	\$17.51	\$53.26	\$34.85	\$18.41	\$55.16	\$35.90	\$19.26	\$57.16	\$36.90	\$20.26	13
LANDSCAPER:	9/1/14												
Landscape & Irrigation Laborer A	\$33.31	\$23.20	\$10.11	-	-	-	-	-	-	-	-	-	
Landscape & Irrigation Laborer B	\$33.81	\$23.70	\$10.11	-	-	-	-	-	-	-	-	-	
Landscape & Irrigation Maintenance Laborer	\$29.81	\$19.70	\$10.11	-	-	-	-	-	-	-	-	-	
* LATHER	9/21/15			8/29/16			9/4/17			9/3/18			
	\$65.11	\$44.15	\$20.96	\$67.11	\$45.90	\$21.21	\$69.16	\$47.70	\$21.46	\$71.41	\$49.70	\$21.71	12,13
* MASON; Bricklayer;	9/16/13												
Cement Blocklayer; Stone Mason; Precast Sill Setter	\$60.32	\$36.85	\$23.47	-	-	-	-	-	-	-	-	-	2,13
Pointer-Caulker-Weatherproofer	\$60.57	\$37.10	\$23.47	-	-	-	-	-	-	-	-	-	2,13
* PAINTER:	9/21/15			1/1/16									
Painter; Spray Painter; Sandblaster or Waterblaster	\$62.02	\$34.85	\$27.17	\$62.42	\$34.85	\$27.57	-	-	-	-	-	-	12
* PLASTERER:	9/21/15			8/29/16			9/4/17			9/3/18			
	\$64.87	\$39.04	\$25.83	\$66.63	\$39.79	\$26.84	\$68.42	\$40.54	\$27.88	\$70.07	\$41.34	\$28.73	2,12,13
* PLUMBER: (Note: 2 increases per year starting in 2016)	7/5/15			1/3/16			1/1/17			1/7/18			
Plumber; Pipefitter; Refrigeration Fitter; Heating & Air Conditioning Fitter; Sprinkler Fitter; Steamfitter	\$64.31	\$39.85	\$24.46	\$65.08	\$40.35	\$24.73	\$66.60	\$41.35	\$25.25	\$68.12	\$42.35	\$25.77	9,13
Plumber; Pipefitter; Refrigeration Fitter; Heating & Air Conditioning Fitter; Sprinkler Fitter; Steamfitter	-	-	-	\$65.83	\$40.85	\$24.98	\$67.35	\$41.85	\$25.50	\$68.87	\$42.85	\$26.02	9,13

WAGE RATE SCHEDULE BULLETIN NO. 486

Classification	Current			2016			2017			2018			Remarks See Pg 6-8
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	
* ROOFER:	9/21/15			9/4/16									
Shingle, Tile, Built-up Roofing	\$56.38	\$38.85	\$17.53	\$57.38	\$39.85	\$17.53	-	-	-	-	-	-	12
Coal Tar Pitch	\$95.23	\$77.70	\$17.53	\$97.23	\$79.70	\$17.53	-	-	-	-	-	-	12
SANDBLASTER OR WATERBLASTER:													
Use wages of craft to which sand or water blasting is incidental.													
* SHEETMETAL WORKER (Note: 2 increases per year)	9/21/15			2/28/16			2/26/17			3/4/18			
	\$63.54	\$39.40	\$24.14	\$64.68	\$39.99	\$24.69	\$67.20	\$41.29	\$25.91	\$69.23	\$42.20	\$27.03	13
				8/28/16			9/3/17			9/2/18			
				\$65.91	\$40.59	\$25.32	\$68.33	\$41.80	\$26.53	\$69.99	\$42.55	\$27.44	13
* TAPER	9/21/15			1/1/16			1/1/17						
	\$62.00	\$41.00	\$21.00	\$63.80	\$41.50	\$22.30	\$65.90	\$42.00	\$23.90	-	-	-	
* TERMITE TREATER	9/21/15												
	\$18.99	\$14.74	\$4.25	-	-	-	-	-	-	-	-	-	
* TERRAZZO:	9/16/13												
Terrazzo Setter	\$60.57	\$37.10	\$23.47	-	-	-	-	-	-	-	-	-	2,13
Terrazzo Base Grinder	\$58.76	\$35.29	\$23.47	-	-	-	-	-	-	-	-	-	2,13
Certified Terrazzo Floor Grinder and Tender	\$57.21	\$33.74	\$23.47	-	-	-	-	-	-	-	-	-	2,13
Terrazzo Floor Grinder	\$55.71	\$32.24	\$23.47	-	-	-	-	-	-	-	-	-	2,13
* TILE SETTER:	9/16/13												
Ceramic Hard Tile; Marble Setter	\$60.57	\$37.10	\$23.47	-	-	-	-	-	-	-	-	-	2,13
Certified Ceramic Tile & Marble Helper	\$57.21	\$33.74	\$23.47	-	-	-	-	-	-	-	-	-	2,13
* TRUCK DRIVER:	9/21/15												
Concrete Mixer	\$36.12	\$32.50	\$3.62	-	-	-	-	-	-	-	-	-	
Concrete Mixer/Booster	\$45.76	\$31.93	\$13.83	-	-	-	-	-	-	-	-	-	
Dump Truck, 8 cu. yds. & under (water level); Water Truck (up to & including 2,000 gallons)	\$68.35	\$38.99	\$29.36	-	-	-	-	-	-	-	-	-	13
Flatbed, Utility, etc.	\$68.08	\$38.72	\$29.36	-	-	-	-	-	-	-	-	-	13
End Dump, Unlicensed (Euclid, Mack, Caterpillar, or similar); Tractor Trailer (hauling equipment)	\$69.74	\$40.38	\$29.36	-	-	-	-	-	-	-	-	-	13
Semi-Trailer, Rock Cans, or Semi-Dump	\$69.31	\$39.95	\$29.36	-	-	-	-	-	-	-	-	-	13
Slip-in or Pup	\$69.63	\$40.27	\$29.36	-	-	-	-	-	-	-	-	-	13
Tandem Dump Truck, over 8 cu. yds. (water level); Water Truck (over 2,000 gallons)	\$68.66	\$39.30	\$29.36	-	-	-	-	-	-	-	-	-	13

WAGE RATE SCHEDULE BULLETIN NO. 486

Classification	Current			2016			2017			2018			Remarks See Pg 6-8
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	
* UNDERGROUND LABORER:	8/31/15			8/29/16			9/4/17			9/3/18			
Worker in a raise, shaft, or tunnel.													
Group 1	\$52.46	\$34.95	\$17.51	\$54.36	\$35.95	\$18.41	\$56.26	\$37.00	\$19.26	\$58.26	\$38.00	\$20.26	13
Group 2	\$53.96	\$36.45	\$17.51	\$55.86	\$37.45	\$18.41	\$57.76	\$38.50	\$19.26	\$59.76	\$39.50	\$20.26	13
Group 3	\$54.46	\$36.95	\$17.51	\$56.36	\$37.95	\$18.41	\$58.26	\$39.00	\$19.26	\$60.26	\$40.00	\$20.26	13
Group 4	\$55.46	\$37.95	\$17.51	\$57.36	\$38.95	\$18.41	\$59.26	\$40.00	\$19.26	\$61.26	\$41.00	\$20.26	13
Group 5	\$55.71	\$38.20	\$17.51	\$57.61	\$39.20	\$18.41	\$59.51	\$40.25	\$19.26	\$61.51	\$41.25	\$20.26	13
Group 6	\$55.81	\$38.30	\$17.51	\$57.71	\$39.30	\$18.41	\$59.61	\$40.35	\$19.26	\$61.61	\$41.35	\$20.26	13
Group 7	\$56.06	\$38.55	\$17.51	\$57.96	\$39.55	\$18.41	\$59.86	\$40.60	\$19.26	\$61.86	\$41.60	\$20.26	13
Group 8	\$56.51	\$39.00	\$17.51	\$58.41	\$40.00	\$18.41	\$60.31	\$41.05	\$19.26	\$62.31	\$42.05	\$20.26	13
* WATER FRONT CONSTRUCTION (DREDGING):	9/21/15												
CLAMSHELL OR DIPPER DREDGES:													
Clamshell or Dipper Operator	\$70.80	\$41.44	\$29.36	-	-	-	-	-	-	-	-	-	11,13
Mechanic; Welder; Watch Engineer	\$70.14	\$40.78	\$29.36	-	-	-	-	-	-	-	-	-	13
Deckmate; Bargemate	\$69.74	\$40.38	\$29.36	-	-	-	-	-	-	-	-	-	13
Fire Person; Oiler; Deckhand; Barge Worker	\$68.08	\$38.72	\$29.36	-	-	-	-	-	-	-	-	-	13
HYDRAULIC SUCTION DREDGES:													
Lever Operator	\$70.44	\$41.08	\$29.36	-	-	-	-	-	-	-	-	-	13
Mechanic; Welder	\$70.14	\$40.78	\$29.36	-	-	-	-	-	-	-	-	-	13
Watch Engineer (steam or electric)	\$70.29	\$40.93	\$29.36	-	-	-	-	-	-	-	-	-	13
Dozer Operator	\$70.08	\$40.72	\$29.36	-	-	-	-	-	-	-	-	-	13
Deckmate	\$69.74	\$40.38	\$29.36	-	-	-	-	-	-	-	-	-	13
Winch Operator (stern winch on dredge)	\$69.63	\$40.27	\$29.36	-	-	-	-	-	-	-	-	-	13
Fire Person; Oiler; Deckhand (can operate anchor scow under direction of deckmate); Levee Operator	\$68.08	\$38.72	\$29.36	-	-	-	-	-	-	-	-	-	13
DERRICKS:													
Operator: Derrick, Piledriver, Crane	\$70.80	\$41.44	\$29.36	-	-	-	-	-	-	-	-	-	13
Deckmate; Saurman Type Dragline (up to & including 5 yds.)	\$69.74	\$40.38	\$29.36	-	-	-	-	-	-	-	-	-	13
Saurman Type Dragline (over 5 cu. yds.)	\$70.14	\$40.78	\$29.36	-	-	-	-	-	-	-	-	-	13
Fire Person; Oiler; Deckhand	\$68.08	\$38.72	\$29.36	-	-	-	-	-	-	-	-	-	13
BOAT OPERATORS:													
Master Boat Operator	\$70.44	\$41.08	\$29.36	-	-	-	-	-	-	-	-	-	13
Boat Operator	\$70.29	\$40.93	\$29.36	-	-	-	-	-	-	-	-	-	13
Boat Deckhand	\$68.08	\$38.72	\$29.36	-	-	-	-	-	-	-	-	-	13
* WATER WELL DRILLER:	9/21/15												
Water Well Driller	\$38.47	\$31.00	\$7.47	-	-	-	-	-	-	-	-	-	
Water Well Driller Helper	\$24.37	\$18.00	\$6.37	-	-	-	-	-	-	-	-	-	
WELDER:													
Use wages of craft to which welding is incidental, except for Chain-Link Fence Erector. See remark.													10

Comments: Overtime must be paid at one and one-half times the basic hourly rate plus the hourly cost of required fringe benefits.

* Indicates a wage, fringe benefit, remark, or title change from the previous bulletin.

REMARKS

1. Carpenter, Laborer (excluding High Scaler, Window Washer): \$.50 per hour shall be added to the regular straight-time rate for height pay for each hour while working from a bosun's chair and/or from a cable-suspended scaffold or work platform which is free swinging (not attached to building) for each hour worked on said rig.
2. Cement Finisher, Mason, Plasterer, Terrazzo, Tile Setter: \$1.00 per hour shall be added to the regular straight-time rate for height pay for each hour while working from a bosun's chair and/or from a cable-suspended scaffold or work platform which is free swinging (not attached to building) for each hour worked on said rig.
3. Diver (Other than Aqua Lung), Stand-By Diver (Other than Aqua Lung):
 - A. On any dive exceeding 50 feet, the diver shall, in addition, be paid the following amount of "depth money":

50 feet to 100 feet	\$1.50 per foot in excess of 50 feet
100 feet to 150 feet	\$100.00 plus \$2.00 per foot in excess of 100 feet
150 feet to 200 feet	\$200.00 plus \$3.00 per foot in excess of 150 feet
 - B. When it is necessary for a Diver to enter any pipe, tunnel or other enclosure, the said Diver shall, in addition to the hourly rate, receive a premium in accordance with the following schedule for distance traveled from the entrance of the pipe, tunnel or other enclosure:
 - 1) When able to stand erect, but in which there is no vertical ascent:

5 feet to 50 feet	\$5.00 per day
50 feet to 100 feet	\$7.50 per day
100 feet to 150 feet	\$12.50 per day
Greater than 150 feet	The premium shall be increased an additional \$7.50 for each succeeding 50 feet.
 - 2) When unable to stand erect and in which there is no vertical ascent:

5 feet to 50 feet	\$5.00 per day
50 feet to 100 feet	\$7.50 per day
100 feet to 150 feet	\$12.50 per day
150 feet to 200 feet	\$36.75 per day
200 feet to 300 feet	\$1.00 per foot
300 feet to 450 feet	\$1.50 per foot
450 feet to 600 feet	\$2.50 per foot
4. Electrician:
 - A. One and one-half times the straight-time rate while working in a tunnel under construction; under water with aqualung equipment; in a completed tunnel which has only one entrance or exit providing access to safety and where no other personnel are working; or in an underground structure having no access to safety or where no other personnel are working.
 - B. Double the straight-time rate shall be paid for the following types of hazardous work regardless if fall prevention devices are used:
 - 1) While working from poles, trusses, stacks, towers, tanks, bosun's chairs, swinging or rolling scaffolds, supporting structures, and open platforms, over 70 feet from the ground where the employee is subject to a free fall; provided, however, that when work is performed on stacks, towers or permanent platforms where the employees are on a firm footing within an enclosure, a hazardous condition does not exist regardless of height;
 - 2) While working outside of a railing or enclosure, or temporary platforms extending outside of a building, or from scaffolding or ladder within an enclosure where an employee's footing is within one foot of the top of such railing, and the employee is subject to a free fall of over 70 feet;
 - 3) Working on buildings while leaning over the railing or edge of the building, and is subject to a free fall of 70 feet; or
 - 4) Two hours minimum hazardous pay per day shall be paid while climbing to a stack, tower or permanent platform which exceeds 70 feet from the ground but where the employee is on a firm footing within an enclosure.
 - C. Five percent per hour shall be added to the hourly wage for height pay while working above 9,000 feet elevation.

REMARKS

5. Equipment Operator:

- A. Operators and Assistants to Engineer (climbing a boom) of cranes (under 50 tons) with booms of eighty feet or more (including jib) or of cranes (under 50 tons) with leads of one hundred feet or more, shall receive additional premium according to the following schedule:

	Per Hour
Booms of 80 feet up to, or leads of 100 feet up to, but not including 130 feet	\$0.50
Booms and/or leads of 130 feet up to, but not including 180 feet	\$0.75
Booms and/or leads of 180 feet up to and including 250 feet	\$1.15
Booms and/or leads over 250 feet	\$1.50

Operators and Assistants to Engineer (climbing a boom) of cranes (50 tons and over) with booms of 180 feet or more (including jib) shall receive additional premium according to the following schedule:

	Per Hour
Booms of 180 feet up to and including 250 feet	\$1.25
Booms over 250 feet	\$1.75

Note: The boom shall be measured from the center of the heel pin to the center of the boom or jib point sheave.

- B. \$1.25 per hour shall be added to the hourly wage while operating a rig suspended by ropes or cables or to perform work on a Yo-Yo Cat.
 - C. In a raise or shaft, a premium of \$.40 per hour will be paid in addition to the regular straight time wage.
 A raise is defined to be an underground excavation (lined or unlined) whose length exceeds its width and the inclination of the grade from the excavation is greater than 20 degrees from the horizontal.
 A shaft is defined to be an excavation (lined or unlined) made from the surface of the earth, generally vertical in nature, but may decline up to 75 degrees from the vertical, and whose depth is greater than 15 feet and its largest horizontal dimension. Includes an underground silo.
 - D. In a tunnel, a premium of \$.30 per hour will be paid in addition to the regular straight time wages.
 A tunnel is defined to be an underground excavation (lined or unlined) whose length exceeds its width and the inclination of the grade from the excavation is no greater than 20 degrees from the horizontal.
6. Glazier: Effective 9/16/13 - \$1.00 per hour shall be added to the hourly wage for height pay for exterior glazing work performed in a walking/working surface with an unprotected side or edge 10 feet or more above a lower level which requires protection from fall hazards by guardrail systems, safety net systems, personal fall arrest systems, position devise systems, fall restraint systems, perimeter safety cables or controlled decking zones.
 7. Insulator: Six percent per hour shall be added to the hourly wage for hazardous pay while working from a boatswain chair, staging or free standing scaffolding erected from the ground up or mezzanine floor subject to a free fall and skyclimber suspended from a permanent structure and when working above 40 feet.
 8. Ironworker: \$.50 per hour shall be added to the hourly wage while working in tunnels or coffer dams. \$1.00 per hour shall be added to the hourly wage while working under or covered with water (submerged), or on the summits of Mauna Kea, Mauna Loa or Haleakala.
 9. Plumber: One and one-half times the straight-time rate for height pay while working from OSHA approved trusses, stacks, towers, tanks, bosun's chair, swinging or rolling scaffolding, supporting structures or on open platforms where the employee is subject to a direct fall of 40 feet or more. Provided, however, that when said work is performed where the employee is on a firm footing within an enclosure, a hazardous condition does not exist regardless of height. \$1.00 per hour shall be added to the straight-time rate while working with flame cutting or any type of welding equipment on any galvanized material or product for at least an hour.
 10. Chain-Link Fence Erector: \$1.00 per hour shall be added to the hourly wage while performing welding services.
 11. Water Front Construction: Clamshell or Dipper Operator: \$.50 per hour shall be added to the straight-time rate while working with boom (including jib) over 130 feet.
 12. Possible wage/fringe option increases:
 Carpenter, Drywall and Lather: Effective 9/4/17 - \$0.20; 9/3/18 - \$0.25
 Cement Finisher, Plasterer: 8/29/16 - \$0.30; 9/4/17 - \$0.30; 9/3/18 - \$0.30
 Ironworker: Effective 9/1/16 - \$1.00
 Painter: Effective WRS 487 - \$0.25
 Roofer: Effective 9/4/16 - \$0.40

REMARKS

13. Overtime/Holiday must be paid at one and one-half times the basic hourly rate plus the hourly cost of required fringe, with the following exceptions:

A. Two times the basic hourly rate plus the hourly cost of required fringe.

Asphalt Paving: Sunday, New Year's Day, Martin Luther King Day, President's Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Boilermaker: Sunday, New Year's Day, President's Day, Memorial Day, Kamehameha Day, July 4th, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

Diver: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Electrician: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

Elevator Constructor: Saturday, Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Equipment Operator: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Floor Layer: Labor Day.

Glaziers: Sunday.

Helicopter Work: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Ironworker: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day.

Plumber: Sunday, New Year's Day, President's Day, Memorial Day, Kamehameha Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

Sheetmetal Worker: Sunday, New Year's Day, Martin Luther King Day, President's Day, Memorial Day, Kamehameha Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

Telecommunication: Sunday, New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

Truck Driver, except Concrete Mixer & Concrete Mixer/Booster: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Water Front Construction (Dredging): Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

B. Three times the basic hourly wage plus the hourly cost of required fringe on Labor Day.

- Carpenter
- Cement Finisher
- Chain Link Fence Erector
- Drywall
- Insulator
- Laborer
- Lather
- Mason
- Plasterer
- Terrazzo
- Tile Setter
- Underground Laborer

APPRENTICE SCHEDULE BULLETIN NO. 486 September 21, 2015

Rates are applicable only to apprentices who are parties to agreements registered with the Department of Labor and where the journeyworker to apprentice ratio is met.

Apprentice Classifications	Interval Hrs	BASIC HOURLY RATE										FRINGE BENEFIT HOURLY RATE	Remarks See Pg 8-9	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	Total		
* BOILERMAKER	1000	\$23.93	\$25.64	\$27.34	\$29.05	\$30.76	\$32.47						\$29.45	10
* CARPENTER														
Indentured Prior to 9/1/02	1000	\$17.56											\$12.27	1,10
"	1000		\$19.76	\$21.95	\$26.34	\$30.73	\$35.12	\$39.51	\$41.71				\$20.96	1,10
Indentured After 9/1/02	1000	\$17.56											\$8.27	1,10
"	1000		\$19.76										\$12.26	1,10
"	1000			\$21.95	\$26.34								\$14.76	1,10
"	1000					\$30.73	\$35.12						\$16.76	1,10
"	1000							\$39.51	\$41.71				\$18.76	1,10
* CEMENT FINISHER														
Indentured Prior to 9/1/03	1000	\$18.95											\$8.37	2,10
"	1000		\$20.85	\$22.74	\$26.53	\$28.43	\$30.32	\$32.22	\$34.11				\$25.83	2,10
Indentured On or After 9/1/03	1000	\$18.95	\$20.85	\$22.74	\$26.53	\$28.43	\$30.32	\$32.22	\$34.11				\$13.02	2,10
* CONSTRUCTION CRAFT LABORER (LABORER I)														
Indentured On or After 9/3/02	1000	\$17.18											\$6.55	1,10
"	1000		\$20.61	\$24.05	\$27.48								\$12.95	1,10
* CONSTRUCTION EQUIPMENT OPERATOR														
Indentured On or After 9/1/02	1000	\$20.36											\$7.05	3,10
"	1000		\$22.40										\$17.37	3,10
"	1000			\$24.43									\$18.31	3,10
"	1000				\$28.50								\$20.19	3,10
"	1000					\$32.58							\$22.06	3,10
"	1000						\$36.65						\$23.94	3,10
* DRYWALL INSTALLER														
Indentured Prior to 9/1/02	1000	\$17.66											\$12.27	10
"	1000		\$19.87	\$22.08	\$26.49	\$30.91	\$35.32	\$39.74	\$41.94				\$20.96	10
Indentured After 9/1/02	1000	\$17.66											\$8.27	10
"	1000		\$19.87										\$12.26	10
"	1000			\$22.08	\$26.49								\$14.76	10
"	1000					\$30.91	\$35.32						\$16.76	10
"	1000							\$39.74	\$41.94				\$18.76	10

APPRENTICE SCHEDULE BULLETIN NO. 486 September 21, 2015

Rates are applicable only to apprentices who are parties to agreements registered with the Department of Labor and where the journeyworker to apprentice ratio is met.

Apprentice Classifications	Interval Hrs	BASIC HOURLY RATE										FRINGE BENEFIT HOURLY RATE	Remarks See Pg 8-9	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	Total		
* ELECTRICIAN (WIRE & LINE INSTALLER)	1000	\$15.07											\$10.10	10
" "	1000		\$17.22										\$10.42	10
" "	1000			\$19.37									\$16.59	4,10
" "	1000				\$21.53								\$17.57	4,10
" "	1000					\$23.68							\$18.53	4,10
" "	1000						\$25.83						\$19.49	4,10
" "	1000							\$27.98					\$20.47	4,10
" "	1000								\$30.14				\$21.46	4,10
" "	1000									\$34.44			\$23.36	4,10
" "	1000										\$38.75		\$25.30	4,10
(Effective 2/21/16)														
* ELECTRICIAN (WIRE & LINE INSTALLER)	1000	\$15.19											\$10.37	10
" "	1000		\$17.36										\$10.68	10
" "	1000			\$19.53									\$16.90	4,10
" "	1000				\$21.70								\$17.87	4,10
" "	1000					\$23.87							\$18.83	4,10
" "	1000						\$26.04						\$19.80	4,10
" "	1000							\$28.21					\$20.79	4,10
" "	1000								\$30.38				\$21.76	4,10
" "	1000									\$34.72			\$23.70	4,10
" "	1000										\$39.06		\$25.64	4,10
* ELEVATOR CONSTRUCTOR	850	\$26.54											-	10
" "	850		\$29.19										\$28.385	10
" "	1700			\$34.50	\$37.15	\$42.46							\$28.385	10
* FLOOR LAYER														
Indentured After 2/27/94	1000	\$12.46	\$14.02										\$16.75	10
" "	1000			\$15.58	\$17.13								\$21.75	10
" "	1000					\$18.69	\$20.25	\$23.36	\$26.48				\$25.75	10

APPRENTICE SCHEDULE BULLETIN NO. 486 September 21, 2015

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Apprentice Classifications	Interval Hrs	BASIC HOURLY RATE										FRINGE BENEFIT HOURLY RATE	Remarks See Pg 8-9	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	Total		
* GLAZIER														
Indentured On or After 7/1/99	1000	\$15.65											\$25.73	5,10
"	1000		\$17.39										\$25.97	5,10
"	1000			\$19.13									\$26.21	5,10
"	1000				\$20.87								\$26.45	5,10
"	1000					\$24.35							\$26.93	5,10
"	1000						\$26.09						\$27.17	5,10
"	1000							\$27.82					\$27.41	5,10
"	1000								\$29.56				\$27.65	5,10
"	1000									\$31.30			\$27.89	5,10
"	1000										\$33.04		\$28.13	5,10
* HEAVY DUTY REPAIRER & WELDER (EQUIP. OPR 9A)														
Indentured On or After 9/1/02	1000	\$20.36											\$7.05	3,10
"	1000		\$22.40										\$17.37	3,10
"	1000			\$24.43									\$18.31	3,10
"	1000				\$28.50								\$20.19	3,10
"	1000					\$32.58							\$22.06	3,10
"	1000						\$34.61						\$23.01	3,10
"	1000							\$36.65					\$23.94	3,10
"	1000								\$38.68				\$24.89	3,10
* INSULATOR														
Hired After 5/3/95	2000	\$19.83											\$7.70	6,10
"	2000		\$19.83										\$17.31	6,10
"	2000			\$23.79									\$17.59	6,10
"	2000				\$27.76								\$17.88	6,10
"	2000					\$31.72							\$18.16	6,10
* IRONWORKER (REINFORCING & STRUCTURAL)														
Indentured After 10/31/93	1000	\$18.38											\$24.67	7,10
"	1000		\$20.21										\$25.19	7,10
"	1000			\$22.05									\$25.71	7,10
"	1000				\$25.73								\$26.76	7,10
"	1000					\$29.40							\$27.81	7,10
"	1000						\$33.08						\$28.86	7,10

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		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	Total	
* MASON BRICKLAYER Indentured On or After 9/1/03	1000	\$18.43	\$20.27	\$22.11	\$25.80	\$27.64	\$29.48	\$31.32	\$33.17			\$10.87	2,10
STONE MASON Indentured On or After 9/1/03	1000	\$20.27	\$22.11	\$23.95	\$25.80	\$27.64	\$29.48	\$31.32	\$33.17			\$10.87	2,10
POINTER-CAULKER-WEATHERPROOFER Indentured On or After 9/1/03	1000	\$18.55	\$20.41	\$22.26	\$25.97	\$29.68	\$33.39					\$10.87	2,10
* PAINTER	1000	\$15.68										\$8.22	
"	1000		\$17.43	\$19.17	\$20.91	\$22.65						\$11.72	
"	1000						\$24.40					\$12.72	
"	1000							\$27.88	\$31.37			\$13.47	
* PAVING EQUIPMENT OPERATOR	1000	\$21.68										\$7.05	10
"	1000		\$27.59									\$20.77	10
"	1000			\$31.54								\$22.72	10
"	1000				\$35.48							\$24.69	10
* PLASTERER Indentured On or After 9/1/03	1000	\$15.62	\$17.57	\$19.52	\$21.47	\$23.42	\$27.33	\$31.23	\$35.14			\$13.02	2,10
* PLUMBER: PLUMBER; FIRE SPRINKLER FITTER; REFRIGERATION AIR CONDITIONING; STEAMFITTER-WELDER Indentured Prior to 9/2/85	1000	\$13.95										\$18.45	8,10
"	1000		\$15.94									\$18.90	8,10
"	1000			\$17.93								\$19.37	8,10
"	1000				\$19.93							\$19.83	8,10
"	1000					\$21.92						\$20.30	8,10
"	1000						\$23.91					\$20.76	8,10
"	1000							\$25.90				\$21.22	8,10
"	1000								\$27.90			\$21.68	8,10
"	1000									\$29.89		\$22.15	8,10
"	1000										\$31.88	\$22.61	8,10

PLUMBER: Continued on Next Page

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Apprentice Classifications	Interval Hrs	BASIC HOURLY RATE										FRINGE BENEFIT HOURLY RATE	Remarks See Pg 8-9	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	Total		
PLUMBER: PLUMBER; FIRE SPRINKLER FITTER; REFRIGERATION AIR CONDITIONING; STEAMFITTER-WELDER Indentured On or After 9/2/85	1000	\$16.02											\$4.06	8,10
"	1000		\$16.02										\$4.11	8,10
"	1000			\$18.93									\$5.67	8,10
"	1000				\$18.93								\$5.67	8,10
"	1000					\$21.92							\$6.36	8,10
"	1000						\$21.92						\$6.36	8,10
"	1000							\$25.90					\$7.19	8,10
"	1000								\$25.90				\$7.19	8,10
"	1000									\$29.89			\$7.82	8,10
"	1000										\$29.89		\$7.82	8,10
(Effective 1/3/16)														
* PLUMBER: PLUMBER; FIRE SPRINKLER FITTER; REFRIGERATION AIR CONDITIONING; STEAMFITTER-WELDER Indentured Prior to 9/2/85	1000	\$14.12											\$18.63	8,10
"	1000		\$16.14										\$19.10	8,10
"	1000			\$18.16									\$19.57	8,10
"	1000				\$20.18								\$20.04	8,10
"	1000					\$22.19							\$20.51	8,10
"	1000						\$24.21						\$20.98	8,10
"	1000							\$26.23					\$21.45	8,10
"	1000								\$28.25				\$21.92	8,10
"	1000									\$30.26			\$22.39	8,10
"	1000										\$32.28		\$22.85	8,10
Indentured On or After 9/2/85	1000	\$16.22											\$5.00	8,10
"	1000		\$16.22										\$5.05	8,10
"	1000			\$19.17									\$6.61	8,10
"	1000				\$19.17								\$6.61	8,10
"	1000					\$22.19							\$7.30	8,10
"	1000						\$22.19						\$7.30	8,10
"	1000							\$26.23					\$8.13	8,10
"	1000								\$26.23				\$8.13	8,10
"	1000									\$30.26			\$8.76	8,10
"	1000										\$30.26		\$8.76	8,10

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Apprentice Classifications	Interval Hrs	BASIC HOURLY RATE										FRINGE BENEFIT HOURLY RATE	Remarks See Pg 8-9	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	Total		
* ROOFER														
Indentured Prior to 11/1/98	1000	\$17.48	\$19.43	\$23.31								\$13.28	9	
"	1000				\$27.20	\$31.08	\$34.97	\$36.91				\$17.53		
Indentured On or After 11/1/98 and Prior to 11/4/12	1000	\$17.48	\$19.43	\$23.31								\$13.28	9	
"	1000				\$27.20	\$31.08	\$33.02	\$34.97	\$36.91			\$17.53		
Indentured On or After 11/4/12	2000	\$17.48	\$23.31									\$13.28	9	
"	2000			\$31.08	\$34.97							\$17.53	9	
* SHEETMETAL WORKER	1000	\$15.76										\$11.40	10	
"	1000		\$17.73									\$11.58	10	
"	1000			\$19.70								\$19.29	10	
"	1000				\$21.67							\$19.78	10	
"	1000					\$23.64						\$20.26	10	
"	1000						\$25.61					\$20.75	10	
"	1000							\$27.58				\$21.23	10	
"	1000								\$29.55			\$21.72	10	
"	1000									\$31.52		\$22.20	10	
"	1000										\$33.49	\$22.69	10	
* TAPER	1000	\$16.40	\$18.45	\$20.50	\$22.55	\$24.60						\$7.75		
	1000						\$26.65					\$8.25		
	1000							\$30.75	\$34.85			\$10.60		
(Effective 1/1/16)														
* TAPER	1000	\$16.60	\$18.68	\$20.75	\$22.83	\$24.90						\$8.25		
	1000						\$26.98					\$8.75		
	1000							\$31.13	\$35.28			\$11.80		
* TELECOMMUNICATION WORKER (TECHNICIAN I / SPLICER)	1000	\$15.78										\$9.78	10	
"	1000		\$17.10									\$10.00	10	
"	1000			\$18.41								\$10.24	10	
"	1000				\$19.73							\$10.46	10	
"	1000					\$21.04						\$10.67	10	
"	1000						\$23.67					\$11.13	10	

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Apprentice Classifications	Interval Hrs	BASIC HOURLY RATE										FRINGE BENEFIT HOURLY RATE	Remarks See Pg 8-9	
		1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	Total		
* TILE SETTER CERAMIC & HARD TILE														
Indentured Prior to 9/1/03	1000	\$18.55											\$7.12	2,10
"	1000		\$20.41	\$22.26	\$25.97	\$27.83	\$29.68	\$31.54	\$33.39				\$23.47	2,10
Indentured On or After 9/1/03	1000	\$18.55	\$20.41	\$22.26	\$25.97	\$27.83	\$29.68	\$31.54	\$33.39				\$10.87	2,10

* Indicates a wage, fringe benefit, remark, or title change from the previous bulletin.

REMARKS:

1. Carpenter, Construction Craft Laborer: \$.50 per hour shall be added to the regular straight-time rate for height pay for each hour while working from a bosun's chair and/or from a cable-suspended scaffold or work platform which is free swinging (not attached to building) for each hour worked on said rig.
2. Cement Finisher, Mason, Plasterer, Tile Setter: \$1.00 per hour shall be added to the regular straight-time rate for height pay for each hour while working from a bosun's chair and/or from a cable-suspended scaffold or work platform which is free swinging (not attached to building) for each hour worked on said rig.
3. Construction Equipment Operator, Heavy Duty Repairer & Welder: \$1.25 per hour shall be added to the hourly wage while operating a rig suspended by ropes or cables or to perform work on a Yo-Yo Cat.
4. Electrician:
 - A. One and one-half times the straight-time rate while working in a tunnel under construction; under water with aqualung equipment; in a completed tunnel which has only one entrance or exit providing access to safety and where no other personnel are working; or in an underground structure having no access to safety or where no other personnel are working.
 - B. Double the straight-time rate shall be paid for the following types of hazardous work regardless if fall prevention devices are used:
 - 1) While working from poles, trusses, stacks, towers, tanks, bosun's chairs, swinging or rolling scaffolds, supporting structures, and open platforms, over 70 feet from the ground where the employee is subject to a free fall; provided, however, that when work is performed on stacks, towers or permanent platforms where the employees are on a firm footing within an enclosure, a hazardous condition does not exist regardless of height;
 - 2) While working outside of a railing or enclosure, or temporary platforms extending outside of a building, or from scaffolding or ladder within an enclosure where an employee's footing is within one foot of the top of such railing, and the employee is subject to a free fall of over 70 feet;
 - 3) Working on buildings while leaning over the railing or edge of the building, and is subject to a free fall of 70 feet; or
 - 4) Two hours minimum hazardous pay per day shall be paid while climbing to a stack, tower or permanent platform which exceeds 70 feet from the ground but where the employee is on a firm footing within an enclosure.
 - C. Five percent per hour shall be added to the hourly wage for height pay while working above 9,000 feet elevation.
5. Glazier: Effective 9/16/13 - \$1.00 per hour shall be added to the hourly wage for height pay for exterior glazing work performed in a walking/working surface with an unprotected side or edge 10 feet or more above a lower level which requires protection from fall hazards by guardrail systems, safety net systems, personal fall arrest systems, position devise systems, fall restraint systems, perimeter safety cables or controlled decking zones.
6. Insulator: Six percent per hour shall be added to the hourly wage for hazardous pay while working from a boatswain chair, staging or free standing scaffolding erected from ground up or mezzanine floor subject to a free fall and skylimber suspended from a permanent structure and when working above 40 feet.
7. Ironworker: \$.50 per hour shall be added to the hourly wage while working in tunnels or coffer dams. \$1.00 per hour shall be added to the hourly wage while working under or covered with water (submerged), or on the summits of Mauna Kea, Mauna Loa or Haleakala.
8. Plumber: One and one-half times the straight-time rate for height pay while working from OSHA approved trusses, stacks, towers, tanks, bosun's chair, swinging or rolling scaffolding, supporting structures or on open platforms where the employee is subject to a direct fall of 40 feet or more. Provided, however, that when said work is performed where the employee is on a firm footing within an enclosure, a hazardous condition does not exist regardless of height. \$1.00 per hour shall be added to the straight-time rate while working with flame cutting or any type of welding equipment on any galvanized material or product for at least an hour.
9. Roofer: When an apprentice has accumulated 2500 hours, \$4.25 will be added to his/her pension/annuity plan.
The apprenticeship program for apprentices indentured on or after November 4, 2012, consists of four steps with 2,000 hours for each step.

REMARKS:

10. Overtime/Holiday must be paid at one and one-half times the basic hourly rate plus the hourly cost of required fringe, with the following exceptions:

A. Two times the basic hourly rate plus the hourly cost of required fringe.

Boilermaker: Sunday, New Year's Day, President's Day, Memorial Day, Kamehameha Day, July 4th, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

Construction Equipment Operator: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Electrician: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Thanksgiving Day and Christmas Day.

Elevator Constructor: Saturday, Sunday, New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Floor Layer: Labor Day.

Glaziers: Sunday.

Heavy Duty Repairer & Welder: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Ironworker: Sunday, New Year's Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Day.

Paving Equipment Operator: Sunday, New Year's Day, Martin Luther King Day, Presidents' Day, Memorial Day, Kamehameha Day, Fourth of July, Labor Day, Veterans' Day, Thanksgiving Day and Christmas Day.

Plumber: Sunday, New Year's Day, President's Day, Memorial Day, Kamehameha Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

Sheetmetal Worker: Sunday, New Year's Day, Martin Luther King Day, President's Day, Memorial Day, Kamehameha Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day.

Telecommunication Worker: Sunday, New Year's Day, Presidents' Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

B. Three times the basic hourly wage plus the hourly cost of required fringe on Labor Day.

Carpenter

Cement Finisher

Drywall Installer

Insulator

Construction Craft Laborer

Mason

Plasterer

Tile Setter

Equipment Operators Classifications

- GROUP 1: Fork Lift (up to and including 10 tons)
Parts Worker (heavy-duty repair shop parts room when needed)
Repairer Helper
- GROUP 2: Conveyor Operator (handling building materials)
Hydraulic Monitor
Mixer Box Operator (concrete plant)
- GROUP 3: Assistant to Engineer (Oiler, Gradechecker) (Hy-Ram (refer to Group 2 wage rate))
Concrete Curing Machine (self-propelled, automatically-applied unit on streets, highways, airports and canals)
Roller (5 tons and under)
Tugger Hoist
- GROUP 4: Boom Truck or Dual Purpose "A" Frame Truck (5 tons or less)
Concrete Placing Boom (building construction)
Elevator Operator
Hoist and/or Winch (one drum)
Rod Worker or Chain Worker (upgraded from Group 3)
Straddle Truck (Ross Carrier, Hyster, and similar)
- GROUP 5: Asphalt Plant Fire Worker
Compressors, Pumps, Generators, and Welding Machines ("Bank" of 9 or more, individually or collectively)
Concrete Trailer Pump or Pumpcrete Guns
Lubrication and Service Engineer (grease rack)
Screed Worker
- GROUP 6: Combination Loader/Backhoe (up to and including 3/4 cu. yd.)
Concrete Batch Plant (wet or dry)
Concrete Cutter, Groover, and/or Grinder (self-propelled unit on streets, highways, airports, and canals)
Concrete Truck Pump Boom or equipment mounted
Conveyor or Concrete Pump (truck or equipment mounted)
Drilling Machinery (not to apply to waterliners, wagon drills, or jack hammers)
Fork Lift (over 10 tons)
Hydraulic Backhoe under 1/2 cubic yard
Hydraulic Backhoe Tractor Mounted under 1/2 cubic yard
Loader (up to and including 3-1/2 cu. yds.)
Lubrication and Service Engineer (mobile)
Lull High Lift (under 40 feet)
Magginnis Internal Full Slab Vibrator (on airports, highways, canals, and warehouses)
Worker or Material Hoist
Mechanical Concrete Finisher (large Clary Johnson, Bidwell, Bridge Deck, and similar)
Mobile Truck Crane Driver
Portable Boring Machine (under streets, highways, etc.)
Portable Crusher
Portable Shot blast Concrete Cleaning Machine
Power Jumbo Operator (setting slip forms, etc., in tunnels)
Power Sweeper
Roller (over 5 tons)

Equipment Operators Classifications

GROUP 6 (continued):

Self-Propelled Compactor (single engine)
 Self-Propelled Pavement Breaker
 Skidsteer Loader with attachments
 Slip Forms Pump (power-driven by hydraulic, electric, air, gas, etc., lifting device for concrete forms)
 Small Rubber-Tired Tractor
 Spider Excavator
 Trencher (up to and including 6 feet)
 Underbridge Personnel Aerial Platform (50 feet of platform or less)

GROUP 7:

Boom Truck or Dual Purpose "A" Frame Truck (over 5 tons up to and including 17 tons)
 Crusher Plant Engineer
 Dozer (D-4, Case 450, John Deere 450, and similar)
 Dual Drum Mixer
 Extend Lift
 Hoist and/or Winch (2 drums)
 Loader (over 3-1/2 cu. yds. up to and including 6 cu. yds.)
 Mechanical Finisher or Spreader Machine (asphalt) (Barber Greene and similar)
 Mine or Shaft Hoist
 Mobile Concrete Mixer (over 5 tons)
 Pipe Bending Machine (pipelines only)
 Pipe Cleaning Machine (tractor propelled and supported)
 Pipe Wrapping Machine (tractor propelled and supported)
 Roller Operator (asphalt)
 Self-Propelled Elevating Grade Plane
 Speed Swing
 Tractor (with boom) (D-6 or similar)
 Trencher (over 6 feet and less than 200 H.P.)
 Water Tanker (pulled by Euclids, T-pulls, DW-10, 20, 21, or similar)

GROUP 8:

Asphalt Plant Operator
 Cast-in-Place Pipe Laying Machine
 Concrete Batch Plant (multiple units)
 Conveyor Operator (tunnel)
 Dozer (D-6 and similar)
 Finishing Machine Operator (airports and highways)
 Gradesetter
 Horizontal Directional Drill (HDD) Locator
 Hydraulic Backhoe (over 1/2 cu. yd. up to and including 3/4 cu. yd.)
 Kolman Loader (and similar)
 No-Joint Pipe Laying Machine
 Portable Crushing and Screening Plant
 Power Blade Operator (under 12)
 Saurman Type Dragline (up to including 5 yds.)
 Stationary Pipe Wrapping, Cleaning, and Bending Machine
 Surface Heater and Planer Operator
 Tractor (D-6 and similar)
 Tri-Batch Paver
 Tunnel Badger
 Tunnel Mole and/or Boring Machine Operator
 Underbridge Personnel Aerial Platform (over 50 feet of platform)

Equipment Operators Classifications

- GROUP 9: Combination Mixer and Compressor (gunite)
 Do-Mor Loader and Adams Elegrader
 Dozer (D-7 or equal)
 Wheel and/or Ladder Trencher (over 6 feet and 200 to 749 H.P.)
- GROUP 9A: Dozer (D-8 or similar)
 Instrument Worker (upgraded from Group 7)
 Push Cat
 Scraper (up to and including 20 cu. yds.)
 Self-Propelled Compactor with Dozer
 Self-Propelled, Rubber-Tired Earthmoving Equipment (up to and including 20 cu. yds.)
 (621B and similar)
 Sheep's Foot
 Tractor with Boom (larger than D-6, and similar)
- GROUP 10: Chicago Boom
 Cold Planers
 Heavy Duty Repairer/Welder
 Hoist and/or Winch (3 drums)
 Hydraulic Scooper (Koehring and similar)
 Loader (over 6 cu. yds. up to and including 12 cu. yds.)
 Self-Propelled, Rubber-Tired Earthmoving Equipment (over 20 cu. yds. up to and
 including 31 cu. yds.) (637D and similar)
 Soil Stabilizer (P&H or equal)
 Sub-Grader (Gurries or other automatic type)
 Tractors (D-9 or similar) (all attachments)
 Tractor (Tandem Scraper)
 Watch Engineer
- GROUP 10A: Boat Operator
 Boom Truck or Dual Purpose "A" Frame Truck (over 17 tons)
 Cable-Operated Crawler Crane (up to and including 25 tons)
 Cable-Operated Power Shovel, Clamshell, Dragline, and Backhoe (up to and including
 1 cu. yd.)
 Gradall (up to and including 1 cu. yd.)
 Gradesetter (When working from drawings, plans or specifications without the direct
 supervision of a Foreman or Superintendent.)
 Hydraulic Backhoe (over 3/4 cu. yd. up to and including 2 cu. yds.)
 Mobile Truck Crane Operator (up to and including 25 tons)
 Self-Propelled Boom-Type Lifting Device (center mount) (up to and including 25 tons)
 (Grove, Drott, P & H, Pettibone, and similar)
 Trencher (over 6 feet and 750 H.P. or more)
 Watch Engineer (steam or electric)
- GROUP 11: Automatic Slip Form Paver (concrete or asphalt)
 Band Wagon (in conjunction with Wheel Excavator)
 Cable-Operated Crawler Crane (over 25 tons but less than 50 tons)
 Cable-Operated Power Shovel, Clamshell, Dragline, and Backhoe (over 1 cu. yd. up to
 7 cu. yds.)
 Chief of Party (upgraded from Group 10)
 Directional Drill Operator

Equipment Operators Classifications

GROUP 11 (continued):

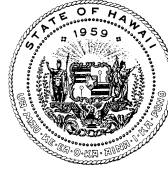
Dozer D-10 (or similar) (upgraded from Group 10)
 DW-10, 20, etc. (Tandem)
 Earthmoving Machine (multiple propulsion power unit and 2 or more scrapers)
 (up to and including 35 cu. yds. "struck" m.r.c.)
 Gradall (over 1 cu. yd. up to 7 cu. yds.)
 Hydraulic Backhoe (over 2 cu. yds. up to and including 4 cu. yds.)
 Lift Slab Machine
 Loader (over 12 cu. yds.)
 Mobile Truck Crane Operator (over 25 tons but less than 50 tons)
 Pre-Stress Wire Wrapping Machine
 Self-Propelled Boom Type Lifting Device (center mount) (over 25 tons m.r.c.)
 Self-Propelled Compactor (with multiple-propulsion power units)
 Single Engine Rubber-Tired Earthmoving Machine (with Tandem Scraper)
 Tandem Cat
 Trencher (pulling attached shield)

GROUP 12:

Clamshell or Dipper Operator
 Derrick
 Drill Rig
 Heading Shield Operator
 Mucking Machine (rubber tired, rail or track type)
 Multi-Propulsion Earthmoving Machine (2 or more scrapers) (over 35 cu. yds. "struck"
 m.r.c.)
 Operators (Derricks, Piledrivers and Cranes)
 Power Shovel and Dragline (7 cu. yds. m.r.c. and over)
 Raised Bore Operator
 Road Header Operator
 Self-Propelled, Rubber-Tired Earthmoving Equipment (over 31 cu. yds.) (657B and
 similar)
 Tunnel Mole Bore Operator
 Wheel Excavator (up to and including 750 cu. yds. per hour)

GROUP 12A:

Dozer (D-11 or similar or larger)
 Hydraulic Excavators (over 4 cu. yds.)
 Lifting Cranes (50 tons and over)
 Mounted Truck Crane Operator (over 50 tons)
 Pioneering Dozer/Backhoe (Initial clearing and excavation for the purpose of
 providing access for other equipment where the terrain worked involves 1 to 1 slopes
 that are 50 feet in height or depth. The scope of this work does not include normal
 clearing and grubbing on usually hilly terrain nor the excavation work once the
 access is provided.)
 Power Blade Operator (Cat 12 or equivalent or over)
 Straddle Lifts (over 50 tons)
 Tower Crane, Mobile
 Traveling Truss Cranes
 Tunnel Boring Machine Operator – 10 feet and above
 Universal, Liebherr, Linden, and similar types of Tower Cranes
 Yo-Yo Cat or Dozer



**STATE OF HAWAII
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS**

List of Construction Trades in Registered Apprenticeship Programs

Apprenticeship programs for the following construction trades were approved and registered by the State Department of Labor and Industrial Relations in accordance with Chapter 372, Hawaii Revised Statutes, and Title 12, Chapter 30, Hawaii Administrative Rules. Union and non-union programs are listed separately. The minimum requirements are not exclusive as a program sponsor may add other requirements in their selection procedures.

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Boilermaker	Western State Area Joint Apprenticeship Committee (International Brotherhood of Boilermakers, Iron Ship Builders, Blacksmith, Forgers, and Helpers and Subordinate, Lodge No. 627, AFL-CIO, and the Western States Joint Apprenticeship Committee, and Association of Boilermaker Employers)	x		03/18/1991	6,000	<ul style="list-style-type: none"> • At least 18 years old • High school graduate or GED equivalent 	Business Manager Address: 1414 Dillingham Blvd, Room 205 Honolulu, HI 96817 Phone: (808) 848-7744 Fax: (808) 848-0311
Bricklayer-Mason	Joint Apprenticeship Committee for Bricklayer-Mason (Masonry Contractors Association of Hawaii and Other Signatory Employers and Local 1 of Hawaii of the Bricklayers and Allied Craftsmen International Union, AFL-CIO)	x		02/10/64	8,000	<ul style="list-style-type: none"> • At least 16 years old • Physically able to perform duties of the trade 	Director of Training or Training Coordinator Address: 2251 N. School Street Honolulu, HI 96819 Phone: (808) 845-5949 Fax: (808) 847-7068 Website: http://www.opcmia.org/

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Carpenter	<p>Carpenters Joint Apprenticeship Committee aka Hawaii Carpenters Apprenticeship and Training Program</p> <p>(General Contractors Association of Hawaii and Building Industry Labor Association and Other Signatory Contractors and the United Brotherhood of Carpenters and Joiners of America, Local 745 AFL-CIO)</p>	x		04/01/64	8,000	<ul style="list-style-type: none"> At least 17 years old High school diploma or equivalent education, or equivalent work experience Pass basic math test Complete questionnaire Able to lift 75 lbs. 	<p>Director of Training</p> <p>Address: 1311 Houghtailing Street Room 201 Honolulu, HI 96817</p> <p>Phone: (808) 848-0794 Ext. 5 Fax: (808) 841-5961 (808) 841-0300 Website: http://www.carpenters.org/</p>
Carpenter	Associated Builders and Contractors Apprenticeship Committee		x	02/08/90	8,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED Full-time employee of a member company for a period of not less than six continuous weeks Legally able to work Physically able to perform duties of the trade 	<p>Director of Training</p> <p>Address: 1375 Dillingham Blvd. Suite 200 Honolulu, HI 96817</p> <p>Phone: (808) 845-4887 Fax: (808) 847-7876 Website: http://www.abchawaii.org/</p>
Cement Finisher	<p>Joint Apprenticeship Committee for Cement Finishers</p> <p>(Operative Plasterers and Cement Finishers International Association, Local 630, AFL-CIO, and Local 1 of the International Union of Bricklayers and Allied Craftsmen, AFL-CIO)</p>	x		04/01/61	8,000	<ul style="list-style-type: none"> At least 16 years old Physically able to perform duties of the trade 	<p>Director of Training or Training Coordinator</p> <p>Address: 2251 N. School Street Honolulu, HI 96819</p> <p>Phone: (808) 845-5949 Fax: (808) 847-7068 Website: http://www.opcmia.org/</p>
Construction Craft Laborer	<p>Hawaii Laborers' Joint Apprenticeship Committee</p> <p>(International Union of North America, Local 368, and Signatory Contractors Association)</p>	x		02/11/00	4,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED Driver's license Successfully complete Pre-Construction Apprentice Evaluation Course 	<p>Apprenticeship Coordinator</p> <p>Address: 96-138 Farrington Hwy. Pearl City, HI 96782</p> <p>Phone: (808) 455-7979 Fax: (808) 456-8689 Website: http://www.liuna.org/</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Construction Equipment Operator	Hawaii Joint Apprenticeship Committee for Operating Engineers (General Contractors Labor Association and the Building Industry Labor Association and International Union of Operating Engineers, Local Union #3, AFL-CIO)	x		11/14/67	6,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED or C-based test Physically able to perform duties of the trade School transcripts Driver's license Current State DOT PUC physical Pass industry or general knowledge test Have reliable transportation 	<p>State Administrator</p> <p>Address: P.O. Box 428 Kahuku, HI 96731-0428</p> <p>Phone: (808) 232-2001 Fax: (808) 232-2217 Website: http://oe3.org/training/</p>
Drywall	Carpenters Joint Apprenticeship Committee aka Hawaii Carpenters Apprenticeship and Training Program (General Contractors Association of Hawaii and Building Industry Labor Association and Other Signatory Contractors and the United Brotherhood of Carpenters and Joiners of America, Local 745, AFL-CIO)	x		04/06/88	8,000	<ul style="list-style-type: none"> At least 17 years old High school diploma or GED Complete questionnaire Pass industry test (8th grade math) Able to lift 100 lbs. 	<p>Director of Training</p> <p>Address: 1311 Houghtailing Street Room 201 Honolulu, HI 96817</p> <p>Phone: (808) 848-0794 Ext. 5 Fax: (808) 848-5961 (808) 841-0300 Website: http://www.carpenters.org/</p>
Electrical Wireperson	PECA-HEW Joint Apprenticeship Committee (Pacific Electrical Contractors Association and the Hawaii Electrical Workers Division of Laborers International, Local 368)	x		11/20/91	10,000	<ul style="list-style-type: none"> At least 16 years old High school diploma or GED Pass color code test Transcript of high school or post high school courses Pass one-year high school Algebra 1 (not pre-Algebra) or higher 	<p>Training Coordinator</p> <p>Address: 1130 Nimitz Highway Suite 204 Honolulu, HI 96817</p> <p>Phone: (808) 845-1986 Fax: (808) 847-7829 Website: N/A</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Electrician	Associated Builders and Contractors Apprenticeship Committee		x	02/08/90	10,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED Full-time employee of a member company for a period of not less than six continuous weeks Legally able to work Physically able to perform duties of the trade Pass eye examination for color blindness Completed one-year high school algebra (not pre-algebra) 	<p>Director of Training</p> <p>Address: 1375 Dillingham Blvd. Suite 200 Honolulu, HI 96817</p> <p>Phone: (808) 845-4887 Fax: (808) 847-7876 Website: http://www.abchawaii.org/</p>
(Electrician) Wireperson	Hawaii Electricians Joint Apprenticeship Committee (International Brotherhood of Electrical Workers (IBEW) Local 1186, AFL-CIO, and Signatory Employers)	x		04/08/47	10,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED Complete the National Joint Apprenticeship and Training Committee Math Course or one-year high school Algebra 1 Transcript of high school or post high school courses Pass industry aptitude test to qualify for oral interview Application fee (non-refundable) 	<p>Apprenticeship or Training Coordinator</p> <p>Address: 1935 Hau Street Room 301 Honolulu, HI 96819</p> <p>Phone: (808) 847-0629 Fax: (808) 843-8818 Website: http://www.njatc.org/</p>
Elevator Constructor	International Union of Elevator Constructors Local 126 Joint Apprenticeship Committee (International Union of Elevator Constructors, Local 126 and Signatory Employers)	x		03/27/03	6,800	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED School transcripts Pass aptitude test (math, reading) Pass medical exam Physically able to perform duties of the trade 	<p>Business Representative</p> <p>Address: 707 Alakea Street Room 314 Honolulu, HI 96813</p> <p>Phone: (808) 536-8653 Fax: (808) 537-3779 Website: http://iuec.org/</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Fire Sprinkler Fitter	Honolulu Joint Apprenticeship and Training Committee for the Plumbing and Pipefitting Industry <i>aka</i> JATC of UA Plumbers and Fitters, Local 675, AFL-CIO, and PAMCAH (Plumbing and Mechanical Contractors Association of Hawaii and United Association of Plumbers and Pipefitters Local 675, AFL-CIO)	x		10/19/92	10,000	<ul style="list-style-type: none"> At least 17 years old High school diploma or GED School transcripts Pass placement evaluation with minimum score of 70% Driver's license 	<p>Training Coordinator</p> <p>Address: 97-731 B Kamehameha Hwy. Pearl City, HI 96782</p> <p>Phone: (808) 456-0585 Fax: (808) 456-7131 Website: http://www.ua.org/</p>
Floor Layer	Joint Apprenticeship and Training Committee for Floor Layers (Hawaii Floor Covering Association and Carpet, Linoleum, and Soft Tile Union Local 1926, AFL-CIO)	x		02/17/66	8,000	<ul style="list-style-type: none"> At least 17 years old Driver's license Pass color vision test 	<p>Training Coordinator</p> <p>Address: 2240 Young Street Honolulu, HI 96826</p> <p>Phone: (808) 942-3988 Fax: (808) 946-6667 Website: http://www.iupat.org/</p>
Glazier	Joint Apprenticeship Committee for Glaziers, Architectural Metal and Glassworkers Industry <i>aka</i> Glaziers, Architectural Metal and Glassworkers JATC (Glass/Metal Contractors Association of Hawaii and Other Signatory Contractors and the Glaziers, Architectural Metal and Glassworkers Union Local 1889, AFL-CIO)	x		04/01/01	10,000	<ul style="list-style-type: none"> At least 16 years old High school diploma or GED Driver's license Physically able to perform duties of the trade 	<p>Training Coordinator</p> <p>Address: 2240 Young Street Honolulu, HI 96826</p> <p>Phone: (808) 946-3329 (808) 943-0757 Fax: (808) 946-8736 Website: http://www.iupat.org/</p>
Heat and Frost Asbestos Insulator	Honolulu Joint Apprenticeship Committee for the Heat and Frost Asbestos Insulator Trade (Heat and Frost Insulators and Asbestos Workers, Local 132, and Signatory Participating Employers)	x		07/23/71	10,000	<ul style="list-style-type: none"> At least 16 years old High school diploma or GED Physically able to perform duties of the trade 	<p>Training Coordinator</p> <p>Address: 1019 Lauia Street Bay #4 Kapolei, HI 96707</p> <p>Phone: (808) 521-6405 Fax: (808) 523-9861 Website: http://www.insulators.org/</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Heavy Duty Repairman and Welder	Hawaii Joint Apprenticeship Committee for Operating Engineers (General Contractors Labor Association and the Building Industry Labor Association and International Union of Operating Engineers, Local Union #3, AFL-CIO)	x		11/14/67	8,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED or C-based test Physically able to perform duties of the trade School transcripts Driver's license Current State DOT PUC physical Pass industry or general knowledge test Have reliable transportation 	<p>State Administrator</p> <p>Address: P.O. Box 428 Kahuku, HI 96731-0428</p> <p>Phone: (808) 232-2001 Fax: (808) 232-2217 Website: http://oe3.org/training/</p>
Ironworker Shop Fabricator / Welder	Hawaii Shopmen's Local 803 Joint Apprenticeship and Training Committee (International Association of Bridge, Structural and Ornamental Ironworkers, Local 803, AFL-CIO, and Participating Employers)	x		12/31/63	8,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED Physically able to perform duties of the trade Must be sponsored by employer who is signatory to the Shopmen's Local 803 collective bargaining agreement 	<p>Training Coordinator</p> <p>Address: 94-497 Ukee Street Waipahu, HI 96797</p> <p>Phone: (808) 671-4344 Fax: (808) 676-1144 Website: http://www.ironworkers.org/</p>
Ironworker (Reinforcing)	Joint Apprenticeship Committee for Ironworker (Reinforcing) aka Ironworkers Joint Apprenticeship Committee (Reinforcing) (International Association of Bridge, Structural and Ornamental Ironworkers, Local 625, AFL-CIO and Participating Employers)	x		06/26/53	6,000	<ul style="list-style-type: none"> At least 16 years old Physically able to perform duties of the trade 	<p>Training Coordinator</p> <p>Address: 94-497 Ukee Street Waipahu, HI 96797</p> <p>Phone: (808) 671-8225 Fax: (808) 676-1144 Website: http://www.ironworkers.org/</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Ironworker (Structural)	<p>Joint Apprenticeship Committee for Ironworker (Structural) aka Ironworkers Joint Apprenticeship Committee (Structural)</p> <p>(International Association of Bridge, Structural and Ornamental Ironworkers, Local 625, AFL-CIO and Participating Employers)</p>	x		03/01/61	6,000	<ul style="list-style-type: none"> At least 16 years old Physically able to perform duties of the trade 	<p>Training Coordinator</p> <p>Address: 94-497 Ukee Street Waipahu, HI 96797</p> <p>Phone: (808) 671-8225 Fax: (808) 676-1144 Website: http://www.ironworkers.org/</p>
Painter	<p>Joint Apprenticeship and Training Committee for Painters</p> <p>(Painting and Decorating Contractors of Hawaii (PDCA) and the International Union of Painters and Allied Trades (IUPAT) Local 1791, AFL-CIO)</p>	x		09/01/61	8,000	<ul style="list-style-type: none"> At least 16 years old High school diploma or GED Driver's license Physically able to perform the duties of the trade Pass color code vision test 	<p>Training Coordinator</p> <p>Address: 2240 Young Street Honolulu, HI 96826</p> <p>Phone: (808) 947-6606 Fax: (808) 942-0195 Websites: http://www.dc50.org/ http://www.iupat.org/</p>
Painter	<p>Associated Builders and Contractors Apprenticeship Committee</p>		x	05/02/90	8,000	<ul style="list-style-type: none"> At least 18 years old Full-time employee of a member company for a period of not less than six continuous weeks Legally able to work Physically able to perform duties of the trade Pass physical examination if required by Committee 	<p>Director of Training</p> <p>Address: 1375 Dillingham Blvd. Suite 200 Honolulu, HI 96817</p> <p>Phone: (808) 845-4887 Fax: (808) 847-7876 Website: http://www.abchawaii.org/</p>
Painter	<p>Color Dynamics, Inc.</p>		x	12/01/89	8,000	<ul style="list-style-type: none"> At least 16 years old Physically fit to perform duties of the trade Must not be color blind 	<p>President</p> <p>Address: 816 Gulick Avenue Honolulu, HI 96819</p> <p>Phone: (808) 848-7000 Fax: (808) 842-0800 Website: http://www.colordynamics.com</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Painter	Kawika's Painting		x	10/01/84	8,000	<ul style="list-style-type: none"> At least 16 years old Physically fit to perform duties of the trade Must not be color blind 	<p>President</p> <p>Address: 2147 Eluwene Street Honolulu, HI 96819</p> <p>Phone: (808) 848-0003 Fax: (808) 842-1908 Website: http://www.kawikaspainting.com</p>
Paving Equipment Operator	Hawaii Joint Apprenticeship Committee for Operating Engineers (General Contractors Labor Association and the Building Industry Labor Association and International Union of Operating Engineers, Local Union #3, AFL-CIO)	x		04/29/10	4,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED or C-based test Physically able to perform duties of the trade School transcripts Driver's license Current State DOT PUC physical Pass industry or general knowledge test Have reliable transportation 	<p>State Administrator</p> <p>Address: P.O. Box 428 Kahuku, HI 96731-0428</p> <p>Phone: (808) 232-2001 Fax: (808) 232-2217 Website: http://oe3.org/training/</p>
Plasterer	Joint Apprenticeship Committee for Plasterers (Pacific Bureau for Lathing and Plastering and the Operative Plasterers and Cement Finishers Association of the U.S. and Canada, Local 630, AFL-CIO)	x		06/30/59	8,000	<ul style="list-style-type: none"> At least 16 years old Physically able to perform duties of the trade 	<p>Director of Training</p> <p>Address: 2251 N. School Street Honolulu, HI 96819</p> <p>Phone: (808) 845-5949 Fax: (808) 847-7068 Website: http://www.opcmia.org/</p>
Plumber	Honolulu Joint Apprenticeship and Training Committee for the Plumbing and Pipefitting Industry <i>aka</i> JATC of UA Plumbers and Fitters, Local 675, AFL-CIO, and PAMCAH (Plumbing and Mechanical Contractors Association of Hawaii and United Association of Plumbers and Pipefitters Local 675, AFL-CIO)	x		11/14/52	10,000	<ul style="list-style-type: none"> At least 17 years old High school diploma or GED School transcripts Pass placement evaluation with a minimum score of 70% Driver's license 	<p>Training Coordinator</p> <p>Address: 97-731 B Kamehameha Hwy. Pearl City, HI 96782</p> <p>Phone: (808) 456-0585 Fax: (808) 456-7131 Website: http://www.ua.org/</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Plumber	Associated Builders and Contractors Apprenticeship Committee		x	02/02/99	10,000	<ul style="list-style-type: none"> At least 18 years old Full-time employee of a member company for a period of not less than six continuous weeks Legally able to work Physically able to perform duties of the trade Pass physical examination if required by Committee 	Director of Training Address: 1375 Dillingham Blvd. Suite 200 Honolulu, HI 96817 Phone: (808) 845-4887 Fax: (808) 847-7876 Website: http://www.abchawaii.org/
Pointer-Caulker-Weatherproofer	Joint Apprenticeship Committee for Pointer-Caulker-Weatherproofer (Pointing, Caulking and Weatherproofing Contractors and the International Union of Bricklayers and Allied Crafts, Local 1, AFL-CIO)	x		08/23/95	6,000	<ul style="list-style-type: none"> At least 16 years old Physically able to perform duties of the trade 	Director of Training or Training Coordinator Address: 2251 N. School Street Honolulu, HI 96819 Phone: (808) 845-5949 Fax: (808) 847-7068 Website: http://www.opcmia.org/
Refrigeration Air-Conditioning	Honolulu Joint Apprenticeship and Training Committee for the Plumbing and Pipefitting Industry aka JATC of UA Plumbers and Fitters, Local 675, AFL-CIO, and PAMCAH (Plumbing and Mechanical Contractors Association of Hawaii and United Association of Plumbers and Pipefitters Local 675, AFL-CIO)	x		09/04/62	10,000	<ul style="list-style-type: none"> At least 17 years old High school diploma or GED School transcripts Pass placement evaluation with a minimum score of 70% Driver's license 	Training Coordinator Address: 97-731 B Kamehameha Hwy. Pearl City, HI 96782 Phone: (808) 456-0585 Fax: (808) 456-7131 Website: http://www.ua.org/
Roofer	Joint Apprenticeship and Training Committee for Roofers (United Union of Roofers, Waterproofers and Allied Workers, AFL-CIO, Local 221, and All Participating Employers)	x		01/13/68	8,000	<ul style="list-style-type: none"> At least 16 years old High school diploma or GED Driver's license Physically able to perform duties of the trade Able to lift 100 lbs. 	Training Director Address: 2045 Kamehameha IV Rd. Room 203 Honolulu, HI 96819 Phone: (808) 847-5757 Fax: (808) 848-8707 Website: http://www.unionroofers.com

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Roofer	Associated Builders and Contractors Apprenticeship Committee		x	01/09/96	7,000	<ul style="list-style-type: none"> At least 18 years old Full-time employee of a member company for a period of not less than six continuous weeks Legally able to work Physically able to perform duties of the trade Pass physical examination if required by Committee 	<p>Director of Training</p> <p>Address: 1375 Dillingham Blvd. Suite 200 Honolulu, HI 96817</p> <p>Phone: (808) 845-4887</p> <p>Fax: (808) 847-7876</p> <p>Website: http://www.abchawaii.org/</p>
Sheet Metal Worker	Hawaii Joint Apprenticeship Committee for the Sheet Metal Industry (Sheet Metal Contractor's Association and Sheet Metal Workers' International Association, Local 293)	x		01/02/58	10,000	<ul style="list-style-type: none"> At least 18 years old High school diploma or GED Driver's license 	<p>Apprenticeship Coordinator</p> <p>Address: 1405 North King Street Room 403 Honolulu, HI 96817</p> <p>Phone: (808) 841-6106</p> <p>Fax: (808) 841-1842</p> <p>Website: http://www.smwia.org/</p>
Steamfitter/Welder	Honolulu Joint Apprenticeship and Training Committee for the Plumbing and Pipefitting Industry <i>aka</i> JATC of UA Plumbers and Fitters, Local 675, AFL-CIO, and PAMCAH (Plumbing and Mechanical Contractors Association of Hawaii and United Association of Plumbers and Pipefitters Local 675, AFL-CIO)	x		02/05/02	10,000	<ul style="list-style-type: none"> At least 17 years old High school diploma or GED School transcripts Pass placement evaluation with a minimum score of 70% Driver's license 	<p>Training Coordinator</p> <p>Address: 97-731 B Kamehameha Hwy. Pearl City, HI 96782</p> <p>Phone: (808) 456-0585</p> <p>Fax: (808) 456-7131</p> <p>Website: http://www.ua.org/</p>
Stone Mason	Joint Apprenticeship Committee for Stone Mason Industry (Masonry Contractors Association of Hawaii and Local 1 of Hawaii of the Bricklayers and Allied Craftsmen International Union, AFL-CIO, and Other Signatory Employers)	x		02/10/64	8,000	<ul style="list-style-type: none"> At least 16 years old Physically able to perform duties of the trade 	<p>Director of Training or Training Coordinator</p> <p>Address: 2251 N. School Street Honolulu, HI 96819</p> <p>Phone: (808) 845-5949</p> <p>Fax: (808) 847-7068</p> <p>Website: http://www.opcmia.org/</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Taper	<p>Joint Apprenticeship Committee for Tapers</p> <p>(Gypsum Drywall Contractors Association of Hawaii and the International Brotherhood of Painters and Allied Trades Tapers Local Union 1944, AFL-CIO)</p>	x		09/01/67	8,000	<ul style="list-style-type: none"> At least 16 years old Physically able to perform duties of the trade 	<p>Chairman</p> <p>Address: 2240 Young Street Honolulu, HI 96826</p> <p>Phone: (808) 946-6621 Fax: (808) 946-6623 Website: http://www.dc50.org/</p>
Telecommunication / CATV Installer Technician	<p>Hawaii Electricians Joint Apprenticeship Committee</p> <p>aka Joint Apprenticeship Committee for Telecommunications</p> <p>(International Brotherhood of Electrical Workers Local Union 1186, AFL-CIO, and Signatory Employers)</p>	x		09/16/98	6,000	<ul style="list-style-type: none"> At least 16 years old High school diploma or equivalent or GED High school transcript Pass color code test Physically fit to perform duties of the trade One-year satisfactory completion of high school algebra (not Pre-Algebra) 	<p>Apprenticeship or Training Coordinator</p> <p>Address: 1935 Hau Street Room 301 Honolulu, HI 96819</p> <p>Phone: (808) 847-0629 Fax: (808) 843-8818 Website: http://www.njatc.org/</p>
Tile Setter	<p>Joint Apprenticeship Committee for Tile Setters</p> <p>(Tile, Marble and Terrazo Contractors Association of Hawaii and Local 1 of Hawaii of the Bricklayers, and Allied Craftsmen International Union of America, AFL-CIO)</p>	x		06/24/58	8,000	<ul style="list-style-type: none"> At least 16 years old Physically able to perform duties of the trade 	<p>Director of Training or Training Coordinator</p> <p>Address: 2251 N. School Street Honolulu, HI 96819</p> <p>Phone: (808) 845-5949 Fax: (808) 847-7068 Website: http://www.opcmia.org/</p>

Trade	Sponsor	Union	Non-Union	Date of Approval/Registration	No. of Hours of On-the-Job Training	Minimum Requirements	Contact Information
Truck Operator and Driver	<p>Hawaii Joint Apprenticeship Committee for Operating Engineers</p> <p>(General Contractors Labor Association and the Building Industry Labor Association and International Union of Operating Engineers, Local Union #3, AFL-CIO)</p>	x		03/01/91	2,000	<ul style="list-style-type: none"> ● At least 18 years old ● High school diploma or GED or C-based test ● Physically able to perform duties of the trade ● School transcripts ● Driver's license ● Current State DOT PUC physical ● Pass industry or general knowledge test ● Have reliable transportation 	<p style="text-align: right;">State Administrator</p> <p>Address: P.O. Box 428 Kahuku, HI 96731-0428</p> <p>Phone: (808) 232-2001 Fax: (808) 232-2217 Website: http://oe3.org/training/</p>