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## Production Overview

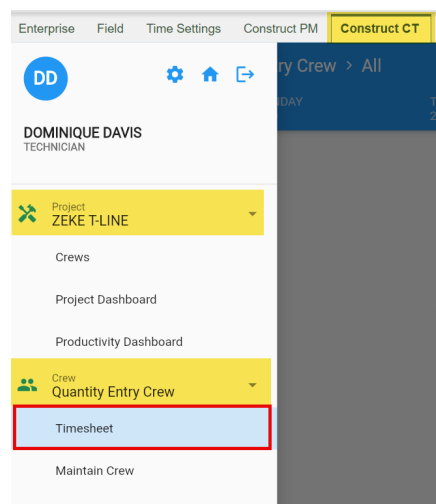
Monitoring and staying up to date with quantity production entries is important to forecast project cost.


Production quantities will be entered within the Crew Timesheets in Construct CT. Any changes or updates to quantities after timesheets are processed should be made in Phase Quantity Completion.

## Entering Production Quantities

### Construct CT - Phase Quantity Units Complete

**Navigate to Construct CT > Select Project > Select Crew > Timesheet**



- Within the “Crew” tab, the cost codes are listed on the timesheet for employee hours to be entered against. These cost codes are available to also claim production quantity against for the day.
- Click the Add icon (  ) under the cost code description. This will generate a window that provides the cost code name, WM of the code, Units section and optional comments.
  - Enter the quantity for the day in the “Today” field or enter the percent complete. The “To Date” display field will show the quantity claimed to date on the code.
    - Note that the “To Date” field will display posted quantities so anything entered earlier in the week but not yet posted will not be included.
  - Click the [Okay] button when complete.

8' Dia. Drilled Pier - Units Complete

Weight or Measurement

LS - Lump Sum

Units

Today

To Date

Percent (%)

0.5

0.0

0.0

Comments (optional)

Mobilization + Tuesday qty

Cancel

Okay

Enterprise	Field	Time Settings	Construct PM	Construct CT	Edit Mode
ZEKE T-LINE > Quantity Entry Crew > All					
SUNDAY 2/9	MONDAY 2/10	TUESDAY 2/11	WEDNESDAY 2/12	THURSDAY 2/13	
CREW					
EQUIPMENT					
EXPENSE					
Crew Members	Total	8' Dia. Drilled Pier	Cast-In-Place Concrete	Foundation Drilling - Slurry	Mobilization
Units		0.5 (LS)	+	+	+
DOMINIQUE DAVIS TECHNICIAN	0.00	+	+	+	+
Total	0.00	0.00	0.00	0.00	0.00

- The units will post when the timesheets are posted.

## Enterprise - Phase Quantity Completion

Any missing or incorrect quantities may be entered into the Phase Quantity Completion screen.

### Navigate to Enterprise >Project Controls > Job Costing > Transactions >Phase Quantity Completion

- Selection Criteria - the Company, Batch and Date fields will populate as a batch will be created when first navigating to this screen.
  - Enter the Job and click the [Retrieve All Cost Codes] button to pull all active codes from the job into the detail section.
    - Note that this screen will allow entry to multiple jobs so the job field should be left blank if more than one job will be updated in the batch.

- Cost codes can be added manually rather than populating the full list of active codes. This can be done by skipping the [Retrieve All Cost Codes] button and moving into the Transaction Detail section.
- The Date field will default to the batch creation date but can be overridden. It is not required and may be left blank if multiple dates are needed across the transaction details.

**Selection Criteria**

\* Company   Keeley Construction Group, Inc

**Job**   ZEKE T-LINE

\* Batch   NGAUGHAN 2025-02-17 U

Date   ☐ Include Sub-Jobs ☐ Restrict to "P/U" Budget Method

- Transaction Detail - this section will be used to enter units complete at the cost code level.
  - A row will populate for each cost code on the project if the [Retrieve All Cost Codes] button was used.
    - To manually insert a cost code, click the [Insert] button on the Transaction Detail toolbar and select a cost code from the job's list of values.
  - The production quantity may be entered for the day in the "Transaction Qty" field or the to date value can be entered in the "Cost Code Qty to Date" field.
    - Entering in one field will update the other.
  - Save before moving onto the next step.

**Transaction Detail**

View

* Transaction Date	Job	* Cost Code	Cost Code Name	Transaction Qty	WM	Cost Code Qty to Date	WM	Comments
18-Feb-2025	24-0532	48-253015	8' Dia. Drilled Pier	0.250	LS	0.750	LS	

Job Name  Previous Total  LS Previously Unposted

- Use the Process Train at the top of the screen to post the batch. The "Print Edit List" bubble can be used to verify the codes and quantities. The "Post Quantities Complete" should be used when you are ready to post the batch to job cost.
  - The Company and Batch will default from the entry screen. Click the [Post] button.
    - A message will populate when posting is complete.

**JOB COST UNIT POSTING**

Save | ?

Enter Quantities Complete | Print Edit List | **Post Quantities Complete**

**Selection Criteria**

\* Company KCG Keeley Construction Group, Inc

\* Batch 258 NGAUGHAN 2025-02-17 U

☐ Print Reports Immediately

**Post**

Posting Completed Successfully

## Reviewing Production Reports

There are two standard reports that Keeley has identified and recommends for reviewing posted Production units: Phase Yield Report and Field Productivity Report.

### Navigate to Enterprise > Project Controls > Job Costing > Reports > Phase Quantity Completion

- Phase Yield Report – the report groups by cost code, listing categories beneath.
  - Enter the job number in the report parameters. Other details may be added to narrow the output including date and cost code.

**Enter Parameters for: Phase Yield Report (JC5000)**

\* Company KCG Keeley Construction Group, Inc

**\* Job 24-0532** ZEKE T-LINE

From Job Cost Code

To Job Cost Code

Category Pick List

From Category

To Category

From Date dd-mmm-yyyy or Relative Date:

To Date dd-mmm-yyyy or Relative Date:

Destination Preview


Output Format PDF

Locale English United States (Not Tr)

Edit Defaults Schedule **Run Report**

- The cost code level lists the claimed production quantity to date, along with the WM.
- The category rows list the spent to date category level quantities (Labor = manhours to date, Equipment = equipment hours to date, etc.) in the "Spent to Date (A)" column.

- The "Unit Yield (A/B)" column populates with the forecasted category level quantity calculated based on the cost code level completed quantity.
- Formula of below screenshot example: 562 spent to date MH/.75 completed quantity = 749.33 calculated MH at completion.



KEELEY

COMPANIES

KCG - Keeley Construction Group, Inc

Job Cost Code Yield Report

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Date: Feb 18, 2025

Time: 3:13 PM CST

Category Code	Spent To Date	(A)	Cat WM	Unit Yield	(A/B)	Cat WM	WM	(B/A) Production Rate	Cat WM	WM
Job Name:24-0532 ZEKE T-LINE										
Cost Code:48-253015 8' Dia. Drilled Pier										
		(B)	Completed Quantity :		0.75			WM	LS	
EO	Owned Equipment	676.00	HR		901.33	HR	LS	0.00	HR	LS
L	Labor COS	562.00	MH		749.33	MH	LS	0.00	MH	LS

- Field Productivity Report - the report separates each cost code's category on a separate page with Budget Summary, Actual Summary, Performance and PM Projection Summary sections.
  - The report parameters require a date range and may also include the job and cost code.

Enter Parameters for: Field Productivity Report (JC4002)

\* Company
KCG
Keeley Construction Group, Inc

Job Pick List

From Job
24-0532
ZEKE T-LINE

To Job
24-0532
ZEKE T-LINE

From Job Cost Code

To Job Cost Code

Category PickList

From Category

To Category

\* From Date
01-Feb-2025
or Relative Date:

\* To Date
28-Feb-2025
or Relative Date:

Roll-in Sub-Jobs

Suppress Zero Lines

Include Closed Jobs

Include Sub Jobs

Destination
Preview

Output Format
PDF

Locale
English United States (Not Tr

Edit Defaults
Schedule
Run Report
Cancel

- Output Units are the cost code level quantity
- Input Units are the category level quantity

Labor COS															
Budget Summary															
(A)		(B)		(C) (A)/(B) Budgeted Productivity LS / MH		(D)		(E) (D)/(A)		(F) (D)/(B)					
Budgeted Output Units		Budgeted Input Units				Budgeted Cost Amount		Budgeted Output Rate Amt/Unit		Budgeted Composite Crew Rate					
Budget		1.00 LS		840.00 MH		0.00		112,397.43		112,397.43		133.81			
Actual Summary															
(G)		(H)		(I) (G)/(H) Actual Productivity LS / MH		(J)		(K) (J)/(G)		(L) (J)/(H)					
Output Units Complete		Input Units Reported				Actual Cost Amount		Actual Output Rate Amt/Unit		Actual Composite Crew Rate					
Curr Period		0.75 LS		0.00 MH		0.00		0.00		0.00					
MTD		0.75 LS		0.00 MH		0.00		0.00		0.00					
YTD		0.75 LS		0.00 MH		0.00		0.00		0.00					
JTD		0.75 LS		562.00 MH		0.00		25,565.78		34,087.71		45.49			
Back Log		0.25 LS		278.00 MH		0.00									
Performance															
(M)		(O)		(P)		(Q)		(R)		(S)		(T)			
(I)/(C)		(G)/(A)		(H)/(B)		(G)/(C)-(H)		(B)-(H)*(A)/(I)(G))		(J)/(D)		((E)-(K))*(G)			
Performance Factor		Output Units % Complete		Hours % Complete		Actual Hours		Projected Hours Saved(Lost)		Dollars % Expended		Actual Dollars Saved(Lost)			
0.00		75.00		0.00		0.00		840.00		0.00		84,298.07			
0.00		75.00		0.00		0.00		840.00		0.00		84,298.07			
0.00		75.00		0.00		0.00		840.00		0.00		84,298.07			
0.00		75.00		66.90		0.00		90.67		22.75		58,732.29			
Project Manager Projection Summary															
Output				Input				Billing				Production			
Units		WM	Rate	Units		WM	Rate	Amount	Rate	Amount	Productivity	Output WM	Input WM	Yield	Output WM
Projected Forecast		0.00	LS	0.00	0.00		MH	0.00	0.00	0.00	0.00 /	LS	MH	0.00	MH /
Remaining To Complete		0.00	LS	0.00	0.00		MH	0.00	0.00	0.00	0.00 /	LS	MH	0.00	MH /

