

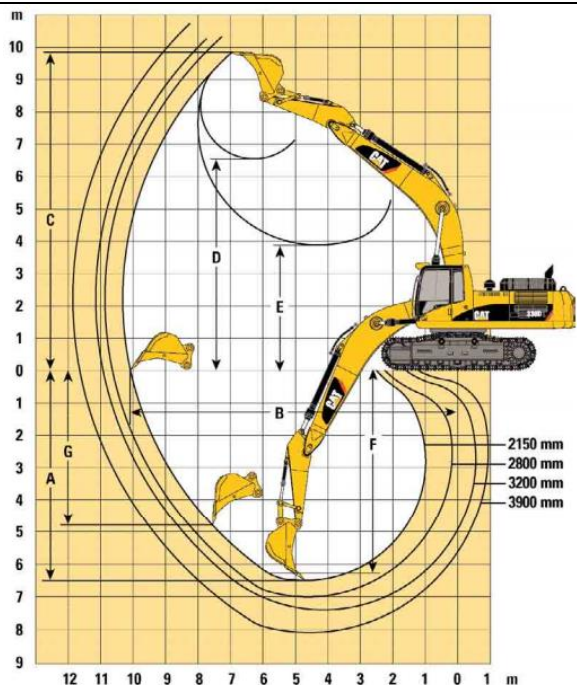
	COMPETENCY ASSESSMENT Excavator	CF-S-30F
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Worker:		Worker Position:		Date:		
Evaluator:		Make/Model:		Business unit:		
Supervisor:		Experience related to equipment: _____ years _____ months				
General					Yes	
1.	Has reviewed operator's manual and understands manufacturer's requirements and limitations.			☐	Answers must be yes to proceed	
Knowledge					Exceeds Meets Below	
1.	Demonstrates knowledge of safe working practices for excavator (e.g. SWP 44 Mechanical Mobile Equipment Operations, SWP 46 Excavating & Trenching)			☐	☐	☐
2.	Demonstrates knowledge of how to safely position an excavator			☐	☐	☐
3.	Demonstrates knowledge of hand signals (see reverse for guide)			☐	☐	☐
4.	Demonstrates knowledge of terminology related to excavator functions and systems (see reverse diagram)			☐	☐	☐
5.	Demonstrates knowledge of excavator attachments (bending sling, stringing jib, vibratory pile driver, bucket, thumb etc.)			☐	☐	☐
6.	Demonstrates knowledge of pre-operational requirements on excavator			☐	☐	☐
7.	Describes the procedure for leaving an excavator unattended (bucket on ground, stable track placement, park brake, etc.)			☐	☐	☐
8.	Demonstrates knowledge of stability concerns (working on slopes and angles)			☐	☐	☐
9.	Demonstrates knowledge of slings (all types), rigging hardware, materials, inspection and capacity (working load vs breaking load limit)			☐	☐	☐
10.	Demonstrates knowledge to determine load weights using dimensions and known weights (rules of thumb, IPT hand book, way bills, Strike pocket reference guide)			☐	☐	☐
11.	Demonstrates knowledge of load charts and load calculations for excavator			☐	☐	☐
12.	Demonstrates knowledge of excavator's digging parameters (see reverse for example)			☐	☐	☐
Practical (Observation of actual skills)					Exceeds Meets Below	
1.	Completes an effective HIAC prior to use			☐	☐	☐
2.	Conducts an accurate site assessment			☐	☐	☐
3.	Demonstrates ability to manage power line hazards (goal posts, signage, spotter)			☐	☐	☐
4.	Demonstrates effective pre-operational inspections utilizing the inspection form			☐	☐	☐
5.	Demonstrates how to maintain and update an equipment logbook/inspection			☐	☐	☐
6.	Demonstrates knowledge of how to accurately calculate load weights			☐	☐	☐
7.	Demonstrates ability to use and interpret load charts			☐	☐	☐
8.	Safely maneuvers excavator in congested areas			☐	☐	☐
9.	Safely positions excavator for lifting (Maintains safe distance from trench)			☐	☐	☐
10.	Demonstrates use of excavator for digging excavations and/or trenches (Proper positioning, swing radius awareness, etc.)			☐	☐	☐
11.	Can accurately identify pinch points on excavator (e.g. pivot point, boom, stick and bucket, etc.)			☐	☐	☐
12.	Effectively works with spotter/swamper (hand signals, blind spots, taglines, etc.)			☐	☐	☐
13.	Demonstrates proper use of slings, rigging hardware, and devices			☐	☐	☐
14.	Demonstrates proper use of excavator attachments (bending sling, stringing jib, vibratory pile driver, buckets, thumb etc.)			☐	☐	☐
15.	Demonstrates how to leave excavator unattended			☐	☐	☐
16.	Operator refrains from using cellular devices while operating equipment			☐	☐	☐



COMPETENCY ASSESSMENT Excavator

CF-S-30F



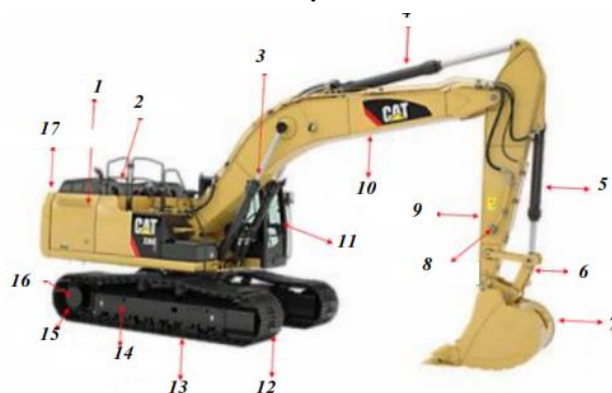
Example Load Chart

Lift Capacities – Reach Boom (6500 mm)

All weights are in kg, without bucket, with quick coupler, heavy lift on.

	1.5 m	3.0 m	4.5 m	6.0 m	7.5 m	9.0 m		
7.5 m								
6.0 m								
4.5 m								
3.0 m								
1.5 m								
0 m								
-1.5 m								
-3.0 m								
-4.5 m								

Example Load Chart



EXCAVATOR HANDSIGNALS

Boom Up	Boom Down	Telescope In	Telescope Out
Dipper In	Dipper Out	Counter Rotate	Counter Rotate
			NO RESPONSE SHOULD BE MADE TO UNCLEAR SIGNALS
Open Bucket	Close Bucket	Dog Everything	

EXCAVATOR HANDSIGNALS

Load Up	Load Down	Swing Left	Swing Right
Turn Left	Turn Right	Travel	This Far To Go
Everything Slow	Stop Engine	Stop	Emergency Stop

Comments about competency or restrictions:

☐ Competent at this time

☐ Demonstrates the ability under direct supervision

☐ Further training required, not recommended to use equipment

Worker:

Signature:

Date:

Evaluator:

Signature:

Date:

Supervisor:

Signature:

Date: