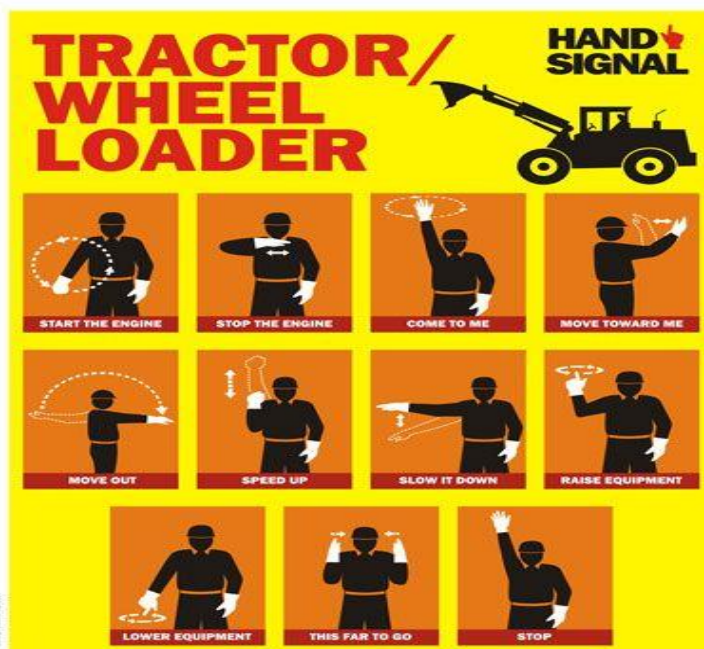


	COMPETENCY ASSESSMENT Loader	CF-S-30M
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Worker:		Worker Position:		Date:	
Evaluator:		Make/Model:		Business unit:	
Supervisor:		Experience related to equipment: _____ years _____ months			
		General		Yes	
1.	Worker has suitable experience with equipment and aptitude/attitude	☐		Answers must be yes to proceed	
		Knowledge		Exceeds Meets Below	
1.	Has reviewed operator's manual and understands manufacturer's requirements and the equipment's limitations	☐	☐	☐	
2.	Demonstrates knowledge of safe working practices for loader (e.g. SWP 44 Mechanical Mobile Equipment Operations)	☐	☐	☐	
3.	Demonstrates a working knowledge of the safety systems and working parts of the loader				
4.	Demonstrates knowledge of hand signals (see reverse for guide)	☐	☐	☐	
5.	Demonstrates understanding of the loader's accessories and can demonstrate where in the manual to find this information (buckets, forks, grapples, etc.)	☐	☐	☐	
6.	Demonstrates an understanding of factors that could impact the stability of the equipment and the potential tipping weight during operation of the loader (machine configuration, tire size and width, fuel and fluid levels, counterweights, rear tire ballast, and attachment weight, etc.)	☐	☐	☐	
7.	Demonstrates knowledge of how to determine the weight of a load using dimensions and known weights (rules of thumb, IPT handbook, waybills, Strike pocket reference guide, etc.)	☐	☐	☐	
		Practical		Exceeds Meets Below	
1.	Completes an effective HIAC prior to use. This should include assessing whether a loader is the appropriate tool for the job (based on load and site conditions)	☐	☐	☐	
2.	Performs a thorough pre-use inspection and using CF-S 18B, inspection must include any tool attachments (forks/bucket, etc.)	☐	☐	☐	
3.	Operator maintains 3-point contact when entering and exiting the loader	☐	☐	☐	
4.	Demonstrates ability to manage the hazards associated with power lines	☐	☐	☐	
5.	Operator can identify equipment blind spots and how to compensate for them	☐	☐	☐	
6.	Operator demonstrates an understanding of turn radius and how it impacts lifting capacity	☐	☐	☐	
7.	Demonstrates the proper procedure for picking up a load, maneuvering the load to a predetermined spot and correctly placing the load in a safe manner	☐	☐	☐	
8.	Operator can accurately identify the pinch points on the loader (e.g. forks, boom stops, & around the load)	☐	☐	☐	
9.	Operator effectively works with a spotter/swamper (e.g. hand signals, blind spots, etc.)	☐	☐	☐	
10.	Demonstrates proper use of accessories (e.g. buckets, forks, grapples, etc.) and can remove and reattach an accessory	☐	☐	☐	
11.	Demonstrates how to shut down and safe out the loader when not in use (e.g. applying brakes, placing controls in neutral and grounding all accessories)	☐	☐	☐	
12.	Operator follows no cell phone policy while operating loader	☐	☐	☐	



Tipping Load



What is tipping load?

Load at centre of gravity of working equipment, so that the wheel loader just begins to tip over the front axle. This is the most unfavourable static-load position for the wheel loader. Lifting arms horizontal, wheel loader fully articulated at centre pivot.

Pay load.

The pay load must not exceed 50% of the tipping load when articulated. This is equivalent to a static stability-margin factor of 2.0.

Bucket capacity.

The bucket volume is determined from the pay load.

$$\text{Pay load} = \frac{\text{Tipping load, articulated}}{2}$$

$$\text{Bucket capacity} = \frac{\text{Pay load (t)}}{\text{Specific bulk weight of material (t/m}^3\text{)}}$$

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: