

	COMPETENCY ASSESSMENT Spider Crane	CF-S-30R
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Worker:	Worker Position:	Date:
Evaluator:	Make/Model:	Business unit:
Supervisor:	Experience related to equipment: _____ years _____ months	

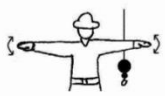
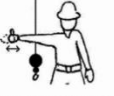
General		Yes	Answers must be yes to proceed		
1.	Operator has suitable experience and/or a valid training (ticket, trade Cert, etc.)	☐			
2.	Worker has suitable aptitude and attitude to operate equipment in a safe manner	☐			
Knowledge		Exceeds	Meets	Below	
1.	Has reviewed operator's manual and understands manufacturer's requirements and limitations	☐	☐	☐	
2.	Demonstrates knowledge of safe working practices for spider crane (reference SWP 34 Cranes Hoists Lifting Devices)	☐	☐	☐	
3.	Demonstrates knowledge of hand signals (see reverse for guide)	☐	☐	☐	
4.	Demonstrates knowledge of terminology related to spider crane functions and systems (see reverse diagram)	☐	☐	☐	
5.	Demonstrates knowledge of spider crane accessories (outriggers, hook/latch, safety pins, etc.)	☐	☐	☐	
6.	Demonstrates knowledge of pre-operational requirements on spider crane	☐	☐	☐	
7.	Demonstrates knowledge of fuel source switch and application	☐	☐	☐	
8.	Describes the procedure for leaving a crane unattended for short/long periods of time	☐	☐	☐	
9.	Demonstrates knowledge of lifting forces (leverage, center of gravity, swing stop)	☐	☐	☐	
10.	Demonstrates knowledge of slings (all types), rigging hardware, materials, inspection and capacity (working load vs breaking load limit)	☐	☐	☐	
11.	Demonstrates knowledge of wire rope slings construction and inspection (excessive wear, bird caging, kinking, flattening, broken wires)	☐	☐	☐	
12.	Demonstrates knowledge to determine load weights using dimensions and known weights (rules of thumb, IPT hand book, way bills, Strike pocket reference guide)	☐	☐	☐	
13.	Demonstrates knowledge of load charts and load calculations for spider crane	☐	☐	☐	
Practical (Observation of actual skills)		Exceeds	Meets	Below	
1.	Demonstrates effective set up and levelling of spider crane, and use of directional outriggers	☐	☐	☐	
2.	Completes an effective HIAC prior to use	☐	☐	☐	
3.	Conducts an accurate site assessment (ground conditions, slope, congestion, etc.)	☐	☐	☐	
4.	Demonstrates ability to manage power line hazards	☐	☐	☐	
5.	Demonstrates effective pre-operational inspections utilizing the inspection form	☐	☐	☐	
6.	Demonstrates how to maintain and update an equipment logbook/inspection	☐	☐	☐	
7.	Demonstrates ability to use and interpret load charts	☐	☐	☐	
8.	Safely positions picker for lifting	☐	☐	☐	
9.	Demonstrates use of picker with applied load (unfolding/folding, load handling, boom up/down, swing left/right etc.)	☐	☐	☐	
10.	Uses and follows hand signals properly	☐	☐	☐	
11.	Demonstrates proper use of accessories (boom extensions, outrigger pads, etc.)	☐	☐	☐	
12.	Demonstrates how to properly leave picker unattended	☐	☐	☐	
13.	Racks picker and outriggers prior to moving crane	☐	☐	☐	
14.	Demonstrates proper use of slings, rigging hardware, and devices	☐	☐	☐	

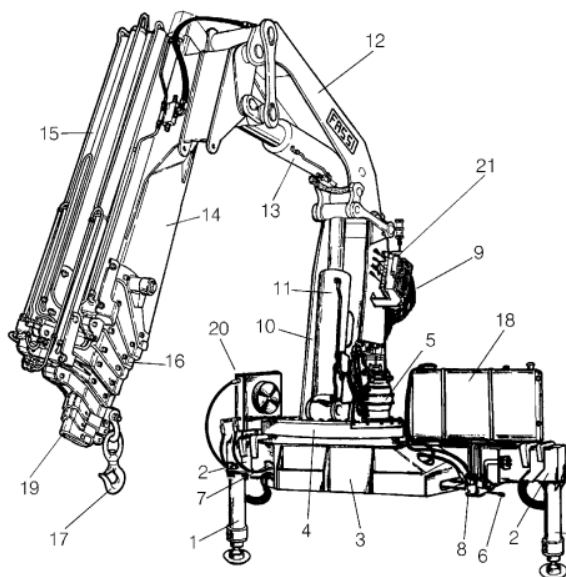
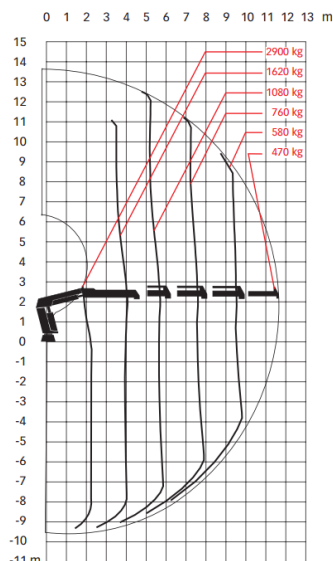


COMPETENCY ASSESSMENT

Spider Crane

CF-S-30R

 STOP – With arm extended horizontally to the side, palm down, arm is swung back and forth.	 EMERGENCY STOP – With both arms extended horizontally to the side, palms down, arms are swung back and forth.	 HOIST – With upper arm extended to the side, forearm and index finger pointing straight up, hand and finger make small circles.	 LOWER BOOM – With arm extended horizontally to the side, thumb points down with other fingers closed.
 RAISE BOOM – With arm extended horizontally to the side, thumb points up with other fingers closed.	 SWING – With arm extended horizontally, index finger points in direction that boom is to swing.	 RETRACT TELESCOPING BOOM – With hands to the front at waist level, thumbs point at each other with other fingers closed.	 EXTEND TELESCOPING BOOM – With hands to the front at waist level, thumbs point outward with other fingers closed.
 RAISE THE BOOM AND LOWER THE LOAD – With arm extended horizontally to the side and thumb pointing up, fingers open and close while load movement is desired.	 DOG EVERYTHING – Hands held together at waist level.	 LOWER – With arm and index finger pointing down, hand and finger make small circles.	 MOVE SLOWLY – A hand is placed in front of the hand that is giving the action signal.



Pos Description

1. Outrigger rams
2. Outrigger supports
3. Base
4. Slew ring
5. Rotation motoreducer
6. Deviator crane - outriggers
7. Dual control for deviator crane - outriggers
8. Integrated group for outrigger controls
9. Electric hydraulic distributor for crane
10. Column
11. Inner ram
12. Inner boom
13. Outer ram
14. Outer boom
15. Booms extension rams
16. Extension boom sections
17. Lifting hook
18. Oil tank
19. Manual extensions (optional)
20. Heat exchanger

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: