I have an articulating/knuckleboom crane with a maximum rated capacity greater than 2,000 lbs.

Is the crane used in construction?

Yes

STOP. 1926 Subpart CC applies only to cranes used in construction.

No

Is it used only for material handling and delivery?

Yes

STOP. A certified/qualified operator is required. The exclusion for knuckleboom cranes only applies for cranes performing material delivery for construction work. [1926.1400(c)(17)] If the crane is used to hold, support, or stabilize the material to facilitate a construction activity, it is not excluded. [1926.1400(c)(17)(iii)(A)]

No

Are the materials being delivered structural steel or prefabricated goods (e.g., roof trusses, precast concrete members)?

Yes

STOP. A certified/qualified operator is required. The exclusion for knuckleboom cranes lifting materials for delivery does not apply when delivering structural steel or prefabricated goods (e.g., roof trusses, precast concrete members, wall panels), [1926.1400(c)(17)(ii) and (c)(17)(iii)]

No

Are the materials being delivered onto a structure?

Yes

Is the crane using a fork or cradle?

No

STOP. A certified/qualified operator is required. The exclusion for knuckleboom cranes lifting materials for delivery does not apply when lifting sheet goods or packaged goods with a fork or a cradle and the crane has a properly functioning automatic overload prevention device. [1926.1400(c)(17)(ii)]

Yes

Does the crane have a properly functioning automatic overload prevention device?

No

STOP. A certified/qualified operator is required. When a crane is delivering materials to the ground and placing them in a particular order for hoisting, it is not excluded. [1926.1400(c)(17)(i)]

Yes

Are the materials being delivered sheet goods like plywood or packaged goods like bags of concrete?

No

STOP. Knuckleboom cranes are excluded when they are lifting specific types of goods such as sheet goods (e.g., plywood, sheetrock) or packaged goods (e.g., bags of cement, roofing shingles) with a fork or cradle, as long as they have a properly functioning automatic overload prevention device. [1926.1400(c)(17)(ii)]

Yes

Are the materials being delivered onto a structure?

No

STOP. When the crane is delivering materials to the ground and not placing the materials in a particular order for hoisting, it is excluded from the scope of 1926 Subpart CC. [1926.1400(c)(17)(i)]