

*COMPANY NAME:

DATE:

*CITY, *STATE, *ZIP:

EQPT TAG:

*CONTACT NAME:

*PHONE:

*EMAIL ADDRESS:

WEBSITE:

BUCKET ELEVATOR DESIGN WORKSHEET

NOTE: Please complete below (*) items as Minimum Required Information to quote.

MATERIAL PROPERTIES

(*) Product Name: _____ (*) Density: _____ (lbs/cu.ft.)

(*) Lump Size: _____ (Max, inches) Percentage Lump: _____ (%)

Temperature: _____ degrees (F) Moisture: _____ (%)

Material Notes: _____

EQUIPMENT REQUIREMENT

(*) Capacity: _____ (LBS/HR) (CU.FT/HR) (TONS/HR) (METRIC TONS/HR) (BUSHEL/HR)

(*) Fed By: _____ (*) Discharges to: _____

Discharge Type: ☐ Centrifugal ☐ Continuous Discharge Note: _____

Elevator Type: ☐ Belt ☐ Chain Other: _____

(*) Discharge Height: _____ (ft - inch) (*) Overall Height: _____ (Max, ft - in)

Casing Size: _____ X _____ (inch)

Bucket Size: _____ X _____ (inch) Bucket Mat'l: _____

Bucket Spacing: _____ (inch) Punching: ☐ Digger Bucket: _____ (every)

Head Section: _____ (Mat'l thickness) Head Platform: ☐ Yes ☐ No

Hood Section: _____ (Mat'l thickness) Hood AR Liner: ☐ Yes

Intermediate Sect.: _____ (Mat'l thickness) Int. Platform: ☐ Yes ☐ No

Boot Section: _____ (Mat'l thickness) Ladder Height: _____ (ft)

Take-Up Type: ☐ Screw ☐ Gravity Take-Up Location: ☐ (Boot) ☐ (Head)

Required Materials of Construction: _____

Special Instructions: _____

DRIVE REQUIREMENTS

Horsepower: _____ RPM: _____ Volts: _____

Motor: _____ Reducer: _____ BackStop: _____

Sprocket/Sheaves: _____ Chain/V-Belts: _____

STAINLESS STEEL FINISH REQUIREMENTS

Finish Type	WELDS ONLY		SURFACES	
	INTERIOR	EXTERIOR	INTERIOR	EXTERIOR
Standard	☐	☐	☐	☐
CI-7 (150 grit)	☐	☐	☐	☐

