

Family-owned and operated for over 30 years

We have all ACPA certified operators with safety being our #1 priority!

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PUMPING









WHAT IS A CONCRETE PUMP

used to place concrete <u>only</u> in an area not reachable with the use of a ready mix truck.

WHY USE A CONCRETE PUMP



- > Access
- Elevated Areas
- ► Volume



WHAT IS A CONVEYOR

used to place concrete, gravel, topsoil and even mulch.

Most efficient for high volume, low slump, low clearance and placement of gravel

WHY USE A CONVEYOR



- ► Volume
- Low Clearance
- Versitility

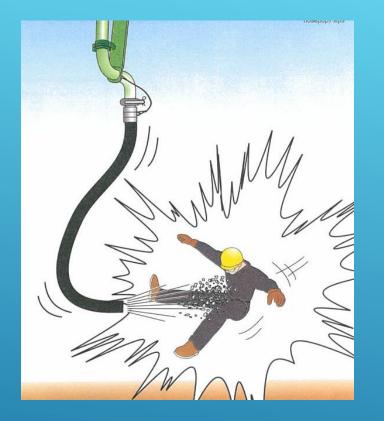
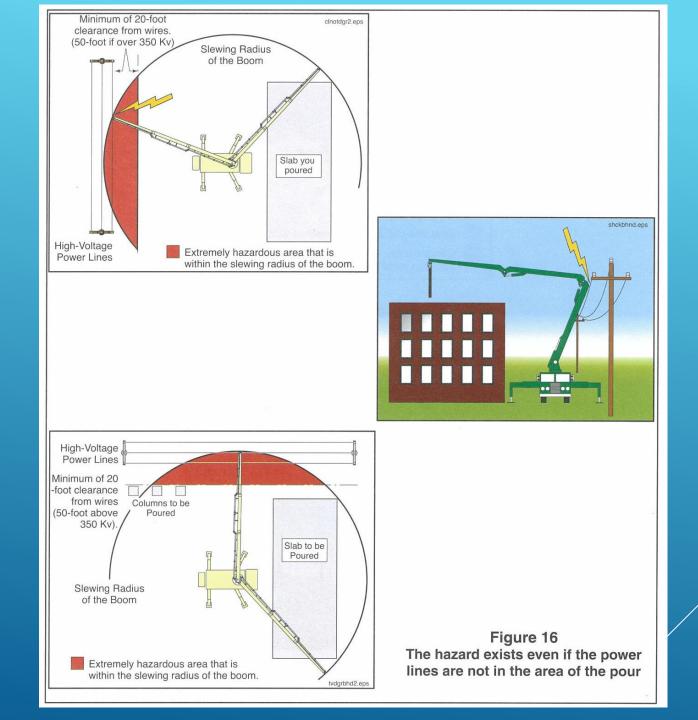


Figure 90 Stay away from the point of discharge when starting or restarting, and when there's air in the pipeline



Figure 91 Never open a pressurized pipeline



WARNING Crushing hazard. Never, ever position yourself between the ready mix truck and the pump! Stand to the side, where the driver can see you (Figure 78).

Figure 78 Never stand between the ready mix truck and the pump



WARNING W signals (Figure 79).

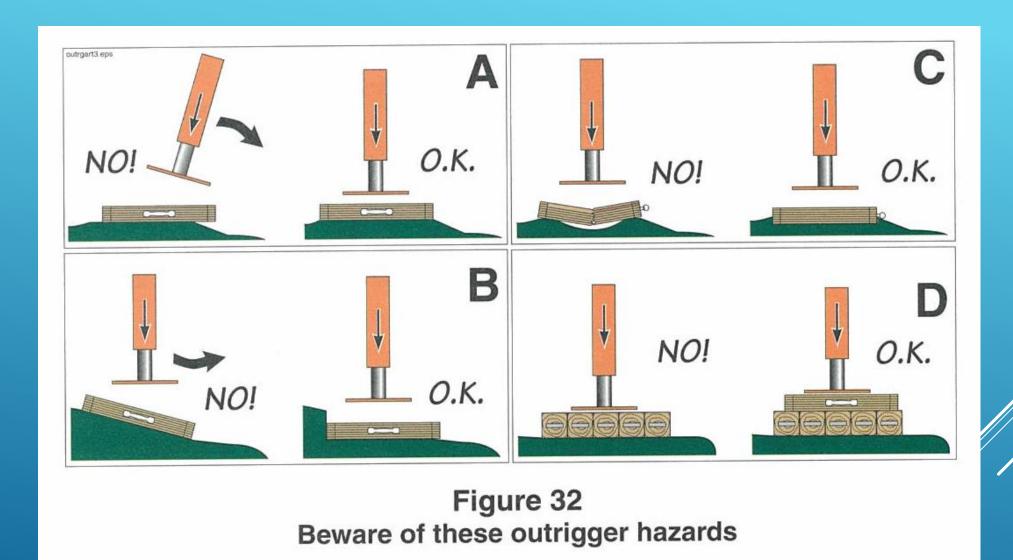
Figure 79 Use clear, concise hand signals

When backing in ready mix trucks, use clear and concise hand 79).





Figure 66 Never use air to blow out hoses or short pipelines



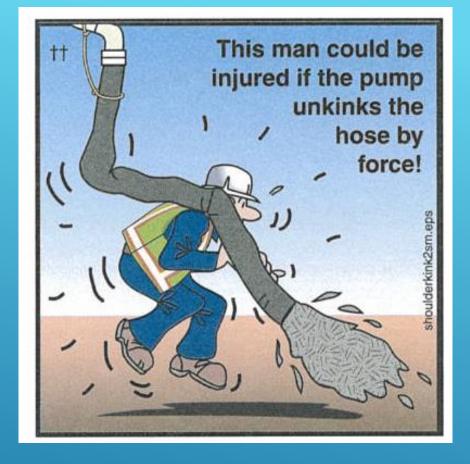


Figure 55 Kinking the hose creates a hazard

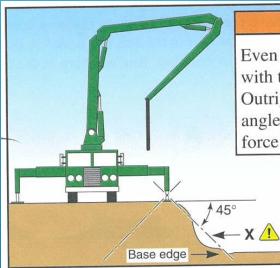


Image: Distance Base edge Base edge Image: Distance Base edge Distance Base edge Image: Distance Base edge Distance Base edge

WARNING!

Even though the base edge is at a 1-to-1 ratio with the outrigger, this cliff could collapse. Outrigger force is transmitted at a 45 degree angle, and there is no material to support the force at point X.

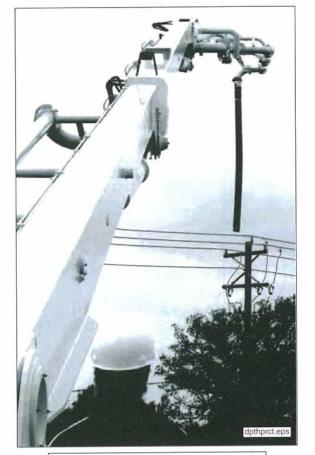
> Figure 29 Watch out for this situation!

Sometimes you need more than 1-to-1: If the surface is loose rock, wet clay, or other unstable soil, distance may need to be increased. Follow manufacturer's instructions.

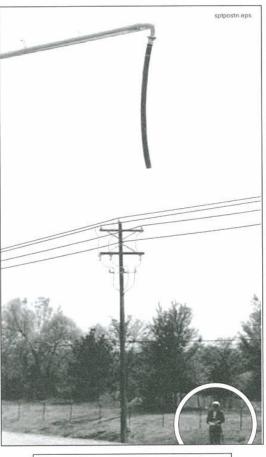
Figure 30 Extra distance may be required if soil is unstable

B

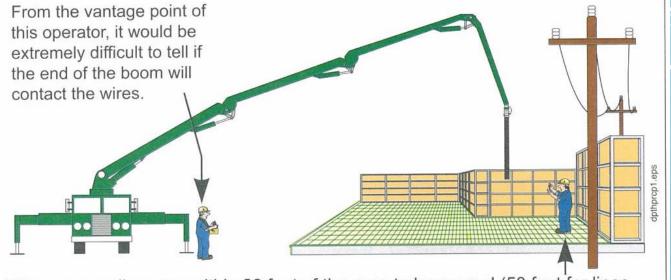
Base edge



Will it hit the wires? You can't tell from here.



Get the best possible vantage point



Where power lines are within 20 feet of the area to be poured (50 feet for lines over 350 Kv), a dedicated spotter must be employed to observe movements of the boom. DO NOT RELY ON DEPTH PERCEPTION WITH POWER LINES!

Figure 17 Never rely on depth perception with power lines

PUMPING





