



Required Program Tools

Tool Box or Tool Bag	Measuring:
Safety/Misc.:	25' tape measure
Safety Glasses	100' open reel tape measure
Flashlight – (pocket style)	12" engineer's ruler
Hard hat	6' folding wooden engineer's rule (tenths and inches)
Grease gun	Surveyor's Hand Level
3/8" Drive Socket:	Surveying Field Book
3/8" Ratchet	Hammers/Misc.:
3/8" Drive SAE Shallow Socket Set (3/8" - 7/8")	16 oz Ball Peen Hammer
3/8" Drive Metric Socket Set (8-19 mm)	24 oz Dead Blow Hammer
3/8" Drive Short extension (2"-5")	16" Prybar
3/8" Drive Long extension (6"-11")	Putty Knife
1/2" Drive Socket:	Pliers:
1/2" Drive Ratchet	12" Adjustable Pliers
1/2" Drive Metric Socket Set (12-24 mm)	3 pc Plier Set
1/2" Drive SAE Socket Set (3/8-1-1/8")	(Cutters, Long Nose Pliers & Slip Joint Pliers)
1/2" Drive Short Extension (2"-5")	7" Curved Jaw Locking Pliers (Vise Grip)
1/2" Drive Long Extension (6"-11")	Screwdriver/Picks:
Wrenches:	Standard Screwdriver Set (Phillips/Straight)
SAE Combination Wrench Set (1/4" – 1 1/8")	Scribe, straight / hook or pick set
Metric Combination Wrench Set (10–19 mm)	
SAE L-Shaped Hex Wrench Set (0.05"-3/8")	
Metric L-Shaped Hex Wrench Set (1.5-10mm)	