



TIC Tool List



Please see the tool list below and the corresponding discipline. It is a condition of employment that you must have these tools in order to be hired with TIC.

Concrete Carpenter	Journeyman & Craftsman Levels Required	Helper Levels
Steel-Toed Boots	X	X
Tool Box/Tool Belt	X	X
22 oz. or larger Claw Hammer	X	X
6" to 12" Crescent Wrench	X	X
7" or 9" Kline Pliers (tie wire pliers)	X	X
Torpedo Level	X	X
24" or 48" Level	X	X
Screwdriver Set (Phillips & Straight)	X	X
Tie Wire Reel	X	X
Rain Gear	X	X
Framing Square	X	X
Dikes (side cutters)	X	X
Medium size Pry Bar	X	X
25' or 30' Tape Measure	X	X
100' Tape Measure	X	X
String Line	X	X
Mag Floats	X	X
Chalk Box	X	X
Pencil Sharpening Device	X	X
Leathers	X	X
6 lb. to 8 lb. Double Jack	X	
Keel Holder	X	
Steel Trowels	X	
3/4" Concrete Edger	X	
Plumb Bob	X	
Combination Square	X	
Vice Grips	X	
Hand Saw	X	
Dask Brush	X	
Cars Paw Bar	X	
Tin Snips	X	
Plumb Bobs	X	



TIC Tool List



Ironworker	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Tool Box (lockable)	X	X
Tool Belt or Harness	X	X
Zip Top Canvas Bag	X	X
Bolt Bag	X	X
Torpedo Level	X	X
Framing Square	X	X
Tri-Square	X	X
Spud Wrenches 1 1/8" – 1 5/8"	X	X
Spud Bar – Sleeve Bar	X	X
25' Tape Measure	X	X
Single Jack Hammer (8 lb.)	X	X
Bull Pins	X	X
Adjustable Spud Wrench	X	X
Chalk Box	X	X
Leathers if welding	X	X
100' Tape Measure	X	
Welding Hood (if welder)	X	
Tip Cleaners	X	
Striker	X	
Chipping Hammer	X	
High leverage side cutters	X	
Flashlight	X	
Pipe Wedges	X	
2' level	X	
Plumb Bobs	X	



TIC Tool List



Pipe Welder	Journeyman & Craftsman Levels Required	Helper Levels Required	Optional
Steel-Toed Boots	X	X	Welding Gloves
Tool Box (lockable)	X	X	Goggles
Welding Hood (Auto Darkening or Lift Front Lens – Hard Hat Type)	X	X	Screwdrivers
Leathers	X	X	Fold-Up Set of Allen Wrenches
Crescent Wrenches	X	X	Combination Wrenches 3/8" to 1 1/4"
Hammer (2 lb. & 4lb.)	X	X	
25' Tape Measure	X	X	
10" Vise Grips	X		14" Half Round
Wire Brush	X		Bastard File
Wrap-Around	X		Pro-Mag Level
1/2" Drive Socket Set 3/8" to 1 1/4"	X		Socket Wrench Set
Chain Vise Grips with Chain Extension	X		Hack Saw (hand)
Chipping Hammer	X		Center Finder
Tip Cleaner	X		15' Whip and Stinger
Tri-Square	x		TIG Torch
Pipe Wrenches	X		Knee Protectors
100' Tape Measure	x		Stub Bucket (2 1/2 Gallon Pail)
Striker	X		
Torpedo Level	X		
Hi-Lo Gauge	X		
Spacing Blade	X		
Mini Mag Light/Flashlight	X		
24 oz. Plumb Bob	X		
Center Punch	X		
High leverage side cutters	X		
Pipe Wedges	X		



TIC Tool List



Structural Welder	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Tool Box (lockable)	X	X
Welding Hood (Auto Darkening or Lift Front Lens – Hard Hat Type)	X	X
Leathers	X	X
Crescent Wrenches	X	X
Chipping Hammer	X	X
Crescent Wrenches	X	X
25' Tape Measure	X	X
Wire Brush	X	X
Torpedo Level	X	X
24" Level	X	X
Rasp & Files	X	X
Combination Wrenches 3/8" to 1 1/4"	X	X
Welding gloves	X	X
Hammer (4 lb.)	X	X
Center Punch	X	
1/2" Drive Socket Set 3/8" to 1 1/4"	X	
Tri-Square	X	
Hammer (2 lb.)	X	
(2) Framing Squares	X	
Whip & Stinger	X	
Stub Bucket	X	
Striker & Tip Cleaner	X	
Speed Square or Tri Square	X	
Clamps	X	
24 oz. Plumb Bob	X	



TIC Tool List



Millwright	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Tool Box (lockable)	X	X
Tool Belt	X	X
Screwdrivers (Phillips & Straight)	X	X
25' Tape Measure	X	X
Files	X	X
Allen Wrenches and Sockets	X	X
Torpedo Level	X	X
24", 30" or 4' Level	X	X
Wrenches (up to 1 ¼")	X	X
Crescent Wrenches (8" and 12")	X	X
Ballpein Hammer	X	X
Chisels	X	X
100' Tape Measure	X	
Striker	X	
Chipping Hammer	X	
Spud Bar	X	
Framing Square	X	
Combination Square (with Center Head and Protractor Head)	X	
Single Jack Hammer	X	
Chalk Box	X	
Spud Wrenches 1 1/8" to 1 5/8"	X	
Dial Indicator with Magnetic Base	X	
(4) 1" Travel Indicators with Magnetic Base	X	
1" to 4" Micrometer Inside and Outside	X	
Calipers	X	
Set of Thickness Gauges (feeler gauge)	X	
Scribe	X	
Center Punch	X	
C Clamps	X	
Starret 98 Mechanics Level (4", 6" and 12")	X	
Plumb Bobs	X	
Tin Snips	X	
Hack Saw	X	
½" to 1 ¼" Drive Socket Set	X	



TIC Tool List



Pipefitter	Journeyman & Craftsman Levels Required	Helper Levels Required
Tool Box (lockable)	X	X
Adjustable Wrenches (up to 12")	X	X
Combination Wrenches (3/8" to 1 1/4")	X	X
Blue Book	X	X
Calculator	X	X
Center Finder	X	X
Allen Wrenches (small and large)	X	X
2 Hole Pins	X	X
Sleever Bar	X	X
(2) Framing Squares (1' to 2')	X	X
Channel Locks (up to 12")	X	X
24" and 48" Level	X	X
(2) Torpedo Levels	X	X
24 oz. Plumb Bob	X	X
Screwdrivers	X	X
Strikers	X	X
Tip Cleaner	X	X
Wrap-Around	X	X
25' Tape Measure	X	X
Files	X	X
Combination Square	X	X
(2) Speed Squares	X	X
Wire Brush	X	X
Center Punch	X	X
Pro-Mag Level	X	
(2) Chain Vise Grips with Chain Extension	X	
Protractor/Angle Finder	X	
(2) Tri-Squares	X	
Hammer (2 lb.)	X	
Pipe Wrenches (18" to 24")	X	
100' Tape Measure	X	
High/Low Gauge	X	
Chalk Box	X	
Laser Level	X	
Scribes	X	
ITP Book	X	
Lanyards/cheaters	X	
Harness	X	
1/2" Drive Socket Set (3/8" to 1 1/4")	X	
Wedges small & large	X	
Hammer (3 lb.)	X	



TIC Tool List



Industrial Electrician	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Tool Belt & Pouch	X	X
Tool Box (lockable)	X	X
Digital Multimeter	X	X
16' or 25' Tape Measure	X	X
Channel Locks (2" to 12")	X	X
Screwdrivers (Phillips & Straight)	X	X
Crescent Wrenches (8" and 10")	X	X
Hacksaw	X	X
Torpedo Level	X	X
Nut Driver Set (3/16" to 1/2")	X	X
Needle Nose Pliers	X	X
Lineman Pliers	X	X
Hammer	X	X
Side Cutters	X	X
Wire Strippers	X	X
Cable Strippers	X	X
Protractor or No-Dog Level	X	X
UGLY's Electrical Reference Guide	X	X
Socket Set (3/8" drive)	X	
Combination Wrench Set	X	
Allen Wrenches (5/64" to 9/16")	X	
Ratchet Crimper (2 to 8 AWG)	X	
Ratchet Crimper (10 to 22 AWG)	X	
Knockout Set (1/2" to 1 1/4")	X	
Tri-Square	X	
Plumb Bob	X	
Cable Splicers Kit	X	
National Electrical Code Book (latest version)	X	
Fox & Hound Set or equal	X	
100' Tape Measurer	X	
Channel Locks (1" – 16 1/2")	X	
12" or 24" Level	X	
Center Punch	X	
Flashlight or Headlamp	X	



TIC Tool List



Instrument Fitter	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Tri-Square	X	X
Combination Wrenches (including 1 ¼")	X	X
Torpedo Level		
Hammer	X	X
Screwdrivers (Phillips & Straight)	X	X
Plumb Bob	X	X
Nut Driver Set	X	X
25' Tape Measure	X	X
Dividers	X	X
Tube Cutter	X	
Tubing Reamer	X	
Pipe Wrenches	X	
Tubing Benders (1/4" to 1/2")	X	
Allen Wrenches (SAE & Metric)	X	
	X	

Instrument Technician	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Wrenches (SAE & Metric)	X	X
DMM-Fluke 77 or equal	X	X
Pliers	X	X
Screwdrivers (Phillips & Straight)	X	X
Hex Key Sets (SAE & Metric)	X	X
Soldering Iron	X	X
Test Clips & Jumpers	X	X
Termination Screwdrivers	X	X



TIC Tool List



Insulator	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Tool Box (lockable)	X	X
Tool Pouch and Belt	X	X
Insulation Staple Gun (Flaring Staples)	X X	X X
Straight Snips	X	X
M-12 Snips (duckbill)	X	X
Aviation Snips (right and left)	X	X
16' to 20' Tape Measure	X	X
Keyhole Saw	X	X
Nippers (end cutters)	X	X
Handsaw	X	X
Black Felt Tip Pen	X	X
Pencil	X	X
Sheet Metal Hammer	X	X
Pliers	X	X
File or Stone Gloves	X	X
Banding Tool	X	X
24" Level	X	X
#18 or #24 Dividers	X	X
P-7 Hog Ring Tool	X	X
Pop Rivet Gun	X	X
Cordless Drill Motor	X	X
1/4" & 5/16" Hex Drivers	X	X
Crescent Wrench (12" or larger)	X	X
Scratch Awl	X	X
Framing Square	X	X
Straight Edge	X	X
Allen Wrenches	X	X
Tinner Rule	X	X
Screwdrivers (Phillips & Straight)	X	X
Keyed Padlock	X	X
Wrench Set (3/8" to 3/4")	X	
Socket Set (3/8" to 3/4")	X	
Torpedo Level	X	
Flash Light	X	
Whitney Punch	X	



TIC Tool List



Rigger	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Tool Box (lockable)	X	X
Tool Belt or Harness	X	X
Bolt Bag	X	X
Torpedo Level	X	
2' Level	X	
4' Level	X	
Spud Wrenches 1 1/8" – 1 5/8"	X	
Spud Bar – Sleeve Bar	X	
25' Tape Measure	X	
100' Tape Measure	X	
300' Tape Measure	X	
Single Jack Hammer (6 lb.)	X	
Single Jack Hammer (8 lb.)	X	
Bull Pins	X	
Adjustable Spud Wrench	X	
Rigger's Reference Manual	X	



TIC Tool List



Scaffold Journeyman	Journeyman & Craftsman Levels Required	Helper Levels Required
Steel-Toed Boots	X	X
Tool Box (lockable)	X	X
Tool Belt or Harness	X	X
Torpedo Level	X	X
25' Tape Measure	X	X
12' Crescent Wrench	X	
7/8 Scaffold Ratchet	X	
Hammer	X	