

## CTS EAST FACILITIES LIST

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THERMAL SPRAY
<b>Thermal Spray Booth #1</b>
Fanuc Robot M710iB-45 with RJ3iB control
Metco 7MC-II plasma system
Metco DJ HVOF spray system
SQ2A1004 Portable Chiller 460V
AT-1200HP powder feeder for HVOF and plasma
9A DJ HVOF Spray Gun
Rotary table
Hobart Tafa 8830 Twin Arc spray system
9MP powder feeder
Dust collection system
<b>Thermal Spray Booth #2</b>
Fanuc Robot M710iB-45 w/ RJ3iB control
9MC plasma system
Metco Smart Arc Wire Spray System
DJ HVOF system
Chiller for Booth 2
Heat Exchanger for Booth 2
AT1200-HP powder feeder
Lowboy Turntable
10MR Power Supply for Booth 2
Dust collector DFT 4-48
<b>Thermal Spray Booth #3, #4</b>
Colmonoy J3 flame spray system - C1
Colmonoy J3 flame spray system - C3
1440-3 Gear Head Wilton Lathe w/ stand
LAB EQUIPMENT
Abra Pol-20 Polisher (Struers)
Leco micro hardness tester
Stru/Abra polisher/grinder
Lab Oven
Lab Box Freezer
Wilson Rockwell Tester
United Smart 1 Tensile Tester
Nikon Epiphot 200 Microscope

## MACHINING

Turning Department	
Fryer VT-60 CNC Vertical Turret Lathe with Live Tooling - New 2018	60" dia x35"
Fryer ET -40 CNC Lathe with Grinding Unit - New 2018	48" dia x 80" 6"dia x 160" long
Doosan Puma 400MB CNC Turning Center	22" dia x 40"
Doosan Lynx 300M CNC Turning Center w/ Live Tooling	18" dia x 30" 3" BAR
Doosan Puma 2600LY CNC Turning Center w/ Y-axis and Live Tooling	15" dia x 50"
Daewoo Puma 250 CNC Lathe w/ Barfeeder	16" dia x 25"
Daewoo Puma 200 CNC Lathe	13" dia x 18"
Daewoo Puma 10HC CNC	15" dia x 22"
Daewoo Puma 12 CNC Lathe	15" dia x 30"
Daewoo Puma 300 MS w/ Barfeeder w/ Live Tooling	15" x 24"
KIA CNC Machine-SKT250MS-Fanuc	16" x 26"
Fortune Lathe Royal 20x120 Model S21120G	20" dia x 120"
Royal lathe Model S2180G w/ accessories	21" dia x 80"
Warner & Swasey Turret Roughing Lathe	15" dia x 30"
Milling Department	
Fadal 2216 CNC Vertical Machining Center	22" x 16" x 20"
Royal Milling Machine w/ Prototrak attachment	40" x 16" x 18"
Bridgeport	40" x 16" x 18"
Bridgeport Milling Machine	40" x 16" x 18"
1 1/4" Morrison keyseater 220V, 3 phase	
Hansford Keyseater 1996	
Grinding Department	
ST Supertec NC Grinder G38P 60NC	15" x 24"
Shigiya G-45 OD Cylindrical Grinder	18" x 90"
TOS OD-ID Grinder	16" x 200"
Brown & Sharp ID/OD Grinder	18" x 36"
Brown & Sharpe #1 Universal ID/OD Grinder	21" x 40"
Heald Universal 273A ID Grinder	20" x 24"
Karestens ID/OD Grinder	14" x 36"
Jones & Shipman Universal 1300 Grinder	10" x 27"
Acer Surface Grinder	12" x 24"
Kent 3-axis Surface Grinder KGS-8/8 AHD	8" x 18"
Inspection Department	
Browne & Sharpe CMM Coordinate Measuring Machine	
Mitutoyo Optical Comparator	
Micrometers and Wide Assortment of Gages	