

EQUIPMENT LIST

FURNACE NUMBER

- *1002 LINDBURG GAS PIT:** 64" DIA X 80" DEEP
WORKING RANGE: 400 - 1260 F
2750 Class: 2
Instrument type: D
- *1003 LINDBURG GAS PIT:** 64" DIA X 80" DEEP
WORKING RANGE: 400 – 1275 F
2750 Class: 2
Instrument type: D
- *1008 LEEDS/NORTHROP ELEC. PIT:** 27" DIAM X 30" DEEP
WORKING RANGE: 400 – 1260 F
2750 Class: 2
Instrument type: D
- *1009 LEEDS/NORTHROP ELEC. PIT:** 27" DIAM X 30" DEEP
WORKING RANGE: 400 – 1250 F
2750 Class: 2
Instrument type: D
- *1006 PROGRAMMABLE
AUTOMATIC UPTON
SALT LINE:** 36"L X 24"W X 38" DEEP
WORKING RANGE: 1450 – 1650 F
2750 Class 5:
Instrument type: D
- *1016 PROGRAMMABLE
AUTOMATIC UPTON
SALT LINE:** 36"L X 24"W X 38" DEEP
WORKING RANGE: 1450 – 1650 F
2750 Class 5:
Instrument type: D
- *1007 AUTOMATIC UPTON
SALT QUENCH TANK:** 36"L X 24"W X 38" DEEP
WORKING RANGE: 350 – 720 F
2750 Class: 2
Instrument type: D
- *1017 AUTOMATIC UPTON
SALT QUENCH TANK:** 36"L X 24"W X 38" DEEP
WORKING RANGE: 300 – 800 F
2750 Class: 2
Instrument type: D
- *1320 SURFACE COMBUSTION
RADIANT BATCH FURNCE
(RTB):** 36" X 36" X 48"L
WORKING RANGE: 1500 – 1900 F
2750 Class: 5
Instrument type: D

<p>*1317 SURFACE COMBUSTION INTERGRAL QUENCH FURNACE (SUPER 36/72): 2750 Class: 5 Instrument type: D</p>	<p>36"L X 36"W X 72" DEEP WORKING RANGE: 1500 – 1800 F</p>
<p>*1350 SURFACE COMBUSTION INTERGRAL QUENCH FURNACE (SUPER 36/72): 2750 Class: 5 Instrument type: D</p>	<p>36"L X 36"W X 72" DEEP WORKING RANGE: 1500 – 1800 F</p>
<p>*1340 SURFACE COMBUSTION TEMPERING FURNACE: 2750 Class: 2 Instrument type: D</p>	<p>36"L X 36"W X 72" DEEP WORKING RANGE: 400 – 1350 F</p>
<p>*1345 SURFACE COMBUSTION TEMPERING FURNACE: 2750 Class: 2 Instrument type: D</p>	<p>36"L X 36"W X 72" DEEP WORKING RANGE: 400 – 1350 F</p>
<p>*1316 SURFACE COMBUSTION TEMPERING FURNACE: 2750 Class: 2 Instrument type: D</p>	<p>36"L X 36"W X 72" DEEP WORKING RANGE: 400 – 1325 F</p>
<p>*1319 SURFACE COMBUSTION TEMPERING FURNACE: 2750 Class: 2 Instrument type: D</p>	<p>36"L X 36"W X 72" DEEP WORKING RANGE: 400 – 1325 F</p>
<p>*1325 SURFACE COMBUSTION TEMPERING FURNACE: 2750 Class: 2 Instrument type: D</p>	<p>36"L X 36"W X 72" DEEP WORKING RANGE: 400 – 1350 F</p>
<p>*101 PIT TYPE FURNACE: 2750 Class: 2 Instrument type: D</p>	<p>14" DIA X 24" LONG WORKING RANGE: 400 - 1150 F</p>
<p>*102 PIT TYPE FURNACE: 2750 Class: 2 Instrument type: D</p>	<p>16" DIA X 24" DEEP WORKING RANGE: 400 - 1200 F</p>
<p>*112 PIT TYPE FURNACE: 2750 Class: 2 Instrument type: D</p>	<p>16" DIA X 24" DEEP WORKING RANGE: 400 - 1200 F</p>

<p>*110 PIT TYPE FURNACE</p> <p>2750 Class: 2</p> <p>Instrument type: D</p>	<p>22" DIA X 24" DEEP</p> <p>WORKING RANGE: 400 - 1250 F</p>
<p>*105 PIT TYPE TEMPERING FURNACE</p> <p>2750 Class: 2</p> <p>Instrument type: D</p>	<p>47" DIA X 60" DEEP</p> <p>WORKING RANGE: 400 – 1250 F</p>
<p>*313 ALLCASE TEMPERING FURNACE:</p> <p>2750 Class: 2</p> <p>Instrument type: D</p>	<p>24" X 24" X 36" L</p> <p>WORKING RANGE: 375 – 1260 F</p>
<p>*314 ALLCASE TEMPERING FURNACE:</p> <p>2750 Class: 2</p> <p>Instrument type: D</p>	<p>24" X 24" X 36" L</p> <p>WORKING RANGE: 400 – 1275 F</p>
<p>*316 ALLCASE TEMPERING FURNACE:</p> <p>2750 Class: 2</p> <p>Instrument type: D</p>	<p>30" X 30" X 48" L</p> <p>WORKING RANGE: 400 – 1260 F</p>
<p>*319 ALLCASE TEMPERING FURNACE:</p> <p>2750 Class: 2</p> <p>Instrument type: D</p>	<p>30" X 30" X 48" L</p> <p>WORKING RANGE: 400 – 1250 F</p>
<p>*107 NITRATE SALT BATH:</p> <p>2750 Class: 2</p> <p>Instrument type: D</p>	<p>18" W X 30" L X 28" D</p> <p>WORKING RANGE: 350 – 725 F</p>
<p>*117 NITRATE SALT BATH:</p> <p>2750 Class: 2</p> <p>Instrument type: D</p>	<p>18" W X 30" L X 28" D</p> <p>WORKING RANGE: 350 – 725 F</p>
<p>*108 NEUTRAL SALT BATH:</p> <p>2750 Class: 5</p> <p>Instrument type: D</p>	<p>18" DIA X 20" DEEP</p> <p>WORKING RANGE: 1450 – 1650 F</p>
<p>*109 NEUTRAL SALT BATH:</p> <p>2750 Class: 5</p> <p>Instrument type: D</p>	<p>24" DIA X 24" DEEP</p> <p>WORKING RANGE: 1450 – 1650 F</p>
<p>*119 NEUTRAL SALT BATH:</p> <p>2750 Class: 5</p> <p>Instrument type: D</p>	<p>24" DIA X 24" DEEP</p> <p>WORKING RANGE: 1450 – 1650 F</p>
<p>*311 STANDARD ALLCASE:</p> <p>2750 Class: 5</p> <p>Instrument type: D</p>	<p>24" X 24" X 36" L</p> <p>WORKING RANGE: 1500 – 1750 F</p>

*315	STANDARD ALLCASE:	24" X 24" X 36" L WORKING RANGE: 1450 – 1800 F
	2750 Class: 5 Instrument type: D	
*317	SUPER 30 ALLCASE:	30" X 30" X 48" L WORKING RANGE: 1500 – 1850 F
	2750 Class: 5 Instrument type: D	
*602	SUPER VACUUM FURNACE: SINGLE CHAMBER	30"H X 36"W X 48"D LONG WORKING RANGE: 1200 – 2200 F
	2750 Class: 5 Instrument type: D	
*604	SUPER VACUUM FURNACE: SINGLE CHAMBER	30"H X 36"W X 48"D LONG WORKING RANGE: 1200 – 2200 F
	2750 Class: 5 Instrument type: D	
*605	SUPER VACUUM TEMPER: SINGLE CHAMBER	36"H X 36"W X 48"D LONG WORKING RANGE: 400 – 1350 F
	2750 Class: 5 Instrument type: D	

Cleaning Equipment

281	SM ROTOBLAST BARREL:	BARREL DIAMETER 30" MEDIA USED: S70 GRIT
281-18	SM ROTOBLAST BARREL:	BARREL DIAMETER 30" MEDIA USED: S70 GRIT
282	LG ROTOBLAST BARREL:	BARREL DIAMETER 36" MEDIA USED: S170 GRIT
283	HAND BLAST CABINET:	30" W X 30" H X 54" L MEDIA USED: GARNETT GRADE 80
284	TABLE BLAST:	5 TABLES MEDIA USED: S70 GRIT
288	SPINNER BLAST:	CONTINUOUS ROTATING SPINNER 6' DIA 28 SQ FT. 5' 10" 5000# CAPACITY MEDIA USED: S170
287	LG ROTOBLAST BARRELL:	BARREL DIAMETER 44" MEDIA USED: S170 GRIT

TESTING EQUIPMENT LIST: Calibrated per all applicable specifications

Machine	Serial Number	Location	Scales	Analog/ Digital	Calibration	Aerospace approved
Series 35R	3JR-5477	Lab	C,B,A	A	Quarterly	No
3TT-8-RB	2486	Lab	15N, 30N	A	Quarterly	No
4JR BB	7597	Lab	C,B,A	A	Quarterly	No
A 504R	8102512	Lab	C, B,A	A	Quarterly	No
4 TT BB 8	1734	Shop	C,B,A 15N	A	Quarterly	No
4Jr BB	2036	Shop	C,B,A	A	Quarterly	No
5JR a RB	1912	Lab	C,B,A	A	Quarterly	No
3JS	3552035	Lab	15N,30N	A	Quarterly	No
True Blue II	2101658	Lab	C,B,A 15N, 30N	D	Quarterly	Yes
Ture Blue II	201192	Lab	C,B,A 15N, 30N	D	Quarterly	Yes
Brinell	SM106375	Shop	10/3000	A	Quarterly	No
Micorhardness	1202-01-0085	Lab	Knoop 500 gm Knoop 200 gm	D	Quarterly	Yes
Olympus microscope	202475	Lab	10X to 1000X	D	Quarterly	Yes

* AMS H-6875 (latest revision) AND AMS 2759 (latest revision) CERTIFIED

**The following furnaces are used for commercial work only. NO AEROSPACE work permitted.
FURNACE**

NUMBER

1001	LINDBURG ELECTRIC PIT:	50" DIA X 64" DEEP WORKING RANGE: 400 – 1100 TEMPERING AND STRESS RELIEVING
103	BOX OVEN:	16" W X 16" H X 24" L WORKING RANGE: 400 – 1250 F TEMPERING AND STRESS RELIEVING
510	BOX OVEN:	12" X 15" X 15" L WORKING RANGE: 400 – 1000 F TEMPERING AND STRESS RELIEVING
511	BOX FURNACE:	12" X 10" X 18" WORKING RANGE: 1200 – 1900 F ATMOSPHERE CONTROLLED (ENDO)
512	BOX FURNACE:	12" X 10" X 18" WORKING RANGE: 1200 – 1900 F ATMOSPHERE CONTROLLED (ENDO)
513	BOX FURNACE:	12" X 12" X 24" WORKING RANGE: 200 –800 F TEMPERING AND STRESS RELIEVING)
514	PIT TYPE FURNACE:	16" DIA X 24" DEEP WORKING RANGE: 400 – 1150 F TEMPERING AND STRESS RELIEVING
515	BOX FURNACES:	12" W X 22" LONG WORKING RANGE: 200 –800 F TEMPERING AND STRESS RELIEVING
516	BOX OVEN:	18" X 18" X 18" LONG WORKING RANGE: 200 1250 F USED FOR TEMPERING ONLY
517	BOX OVEN:	12" X 15" X 15" L WORKING RANGE: 200 –800 F TEMPERING AND STRESS RELIEVING
518	BOX OVEN:	12" X 15" X 15" L WORKING RANGE: 200 – 1200 F TEMPERING AND STRESS RELIEVING
600	LINDBERG BOX TEMPERING FURNACE:	38" X 36" X 34" H WORKING RANGE: 400 – 1100 F TEMPERING AND STRESS RELIEVING

- 345 ALLCASE TEMPERING FURNACE:** 30" X 30" X 48" L
WORKING RANGE: 200 – 1000 F
TEMPERING AND STRESS RELIEVING
- 1001 LINDBURG ELECTRIC PIT:** 50" DIA X 64" DEEP
WORKING RANGE: 400 – 1100
TEMPERING AND STRESS RELIEVING
- 740 PIT TYPE FURNACE:** 14" DIA X 16" LONG
WORKING RANGE: 400 - 1150 F
TEMPERING AND STRESS RELIEVING
- 670 DEEP FREEZE:** 38" X 40" X 32" L
WORKING RANGE: 50-(-150)