

NASA Agency-wide Nitrogen and Oxygen Acquisition 4 (NANO 4)  
Draft Schedule of Supplies

			ORDER LIMITATIONS				BEST ESTIMATED YEARLY QUANTITY	BEST ESTIMATED YEARLY QUANTITY	BEST ESTIMATED YEARLY QUANTITY	BEST ESTIMATED YEARLY QUANTITY	BEST ESTIMATED YEARLY QUANTITY	BEST ESTIMATED YEARLY QUANTITY (all 5 years)
LOCATION/ DESCRIPTION	NITROGEN SPECIFICATION	UNIT	MINIMUM	MAX DAILY	MAX WKLY	MAX MTHLY	7/1/24-6/30/25	7/1/25-6/30/26	7/1/26-6/30/27	7/1/27-6/30/28	7/1/28-6/30/29	7/1/2024-6/30/2029
ARC (Bulk)	CGA G10 1 Type II Grade L	Liter	1,000	25,000	N/A	N/A	148,000	148,000	148,000	148,000	148,000	740,000
ARC (Non-bulk/dewars)	CGA G10 1 Type II Grade L	Liter	50	1,500	N/A	N/A	35,000	35,000	35,000	35,000	35,000	175,000
GRC/ATF	CGA G10 1 Type II Grade L	Ton	20	115	299	1,200	10,000	10,000	10,000	10,000	10,000	50,000
GRC/ATF	MIL-PRF-27401 Type II Grade B	Ton	20	115	253	345	4,200	4,200	4,200	4,200	4,200	21,000
GRC/ATF high use testing	MIL-PRF-27401 Type II Grade B	Ton	115	184	1,150	3,450	2,000	2,000	2,000	2,000	2,000	10,000
GSFC	MIL-PRF-27401 Type II Grade B	Gallon	8,000	21,600	N/A	N/A	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
JPL	CGA G-10 1 Type II Grade L	Gallon	1,000	32,500	84,500	331,500	3,000,000	2,600,000	2,500,000	2,500,000	2,500,000	13,100,000
JPL high use testing	CGA G-10 1 Type II Grade L	Gallon	6,000	58,500	117,000	487,500						
JSC	MIL-PRF-27401 Type II Grade B	Ton	20	100	406	1570	2,000	2,000	2,000	5,411	23,000	34,411
JSC high use testing	MIL-PRF-27401 Type II Grade B	Ton	20	150	1050	3600						
KSC/CCSFS	MIL-PRF-27401 Type II Grade B	Ton	20	70	120	300	2,000	2,000	2,000	2,000	2,000	10,000
KSC/CCSFS	MIL-PRF-27401 Type II Grade B	Ton	20	115	391	897	5,380	5,380	5,380	10,760	10,760	37,660
LaRC	MIL-PRF-27401 Type II Grade B	Gallon	500	12,000	24,000	98,000	500,000	500,000	500,000	500,000	500,000	2,500,000
LaRC	MIL-PRF-27401 Type II Grade C	Gallon	6,000	6,000	12,000	48,000	600,000	600,000	600,000	600,000	600,000	3,000,000
MAF	MIL-PRF-27401G Type II Grade B	Ton	23	23	92	345	2,760	2,760	2,760	2,760	2,760	13,800
MSFC	CGA G-10 1 Type II Grade L	Ton	23	230	1,400	4,400	24,000	24,000	24,000	44,000	48,000	164,000
MSFC	MIL-PRF-27401G Type II Grade B	Ton	23	23	161	529	0	1,345	1,345	1,345	1,345	5,380
SSC	MIL-PRF-27401G Type II Grade B	Ton	23	276	1,000	4,000	48,000	39,000	36,000	36,000	36,000	195,000
WSTF	MIL-PRF-27401 Type II Grade B	Ton	23	23	78	286	2,262	2,262	2,262	2,262	2,262	11,310
GRC/ATF high use testing	CGA G10 1 Type II Grade L	Ton		276	1932	8280	15,410	2,000	2,000	2,000	2,000	23,410
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LOCATION/ DESCRIPTION	OXYGEN SPECIFICATION	UNIT	MINIMUM	MAX DAILY	MAX WKLY	MAX MTHLY	7/1/24-6/30/25	7/1/25-6/30/26	7/1/26-6/30/27	7/1/27-6/30/28	7/1/28-6/30/29	7/1/2024-6/30/2029
GRC	MIL-PRF-25508H Type II Grade A	Ton	10	80	240	400	100	300	500	500	500	1,900
JSC	MIL-PRF-27210J Type II	Gallon	450	4,500	N/A	N/A	20,000	20,000	20,000	20,000	20,000	100,000
KSC/CCSFS	MIL-PRF-25508H Type II Grade A	Ton	20	70	130	N/A	1,000	1,000	1,000	1,000	1,000	5,000
KSC/CCSFS	MIL-PRF-25508H Type II Grade A	Ton	20	276	1,104	1,104	7,050	7,050	7,200	6,000	6,000	33,300
KSC/CCSFS SLS	MIL-PRF-25508H Type II Modified Grade A	Ton	20	230	460	1,840	2,575	2,575	2,575	2,575	2,930	13,230
KSC/CCSFS SLS launch	MIL-PRF-25508H Type II Modified Grade A	Ton	100	230	690	2,760	1725	1725	0	1,380	1,380	6,210
LaRC	MIL-PRF-25508H Type II Grade A	Gallon	6,000	6,000	18,000	72,000	400,000	400,000	400,000	400,000	400,000	2,000,000
MSFC	MIL-PRF-25508H Type II Grade A	Ton	20	162	760	1,610	3,500	19,700	21,700	23,000	23,000	90,900
SSC	MIL-PRF-25508H Type II Grade A	Ton	20	276	1,440	4,000	19,000	12,000	9,000	9,000	9,000	58,000
WSTF	MIL-PRF-25508H Type II Grade A	Ton	23	23	104	416	1,508	1,508	1,508	1,508	1,508	7,540