P&W - MCL - Qualified Commerical Laboratory - Table 1

Yellow highlighted fields represent correlation testing per MCLM F23.

Light blue highlighted fields represent labs found capable to perform this type of test.

Light green highlighted fields with letters represent specific test recognitions.

	Commercial Laboratories	Tensile, Room Temperature	Tensile, Elevated Temperature	Stress Rupture	Creep Rupture	Hardness	Impact	Metallographic Examination - All Others (See Note 10)	ME - Microstructure/Grainsize (See Note 10)	ME - Abusive Machining E166 Supp A (See Note 10)	ME - Surface Contamination of Titanium (See Note 10)	ME - Braze (See Note 10)	ME - Weld (See Note 10)	ME - Nonconventional Machining, ECMR, EDMR, LBMR, EBMR (See Note 10)	ME - Fasteners (See Note 10)	ME - Heat Treat (See Note 10)	ME - Coatings (Vapor/Pack/Thermal) (Commerical Labs by Exception Only) (See Note 10)	Wet Chemical Analysis (See Note 2)	OES Quantitative Spectrographic Analysis (See Notes 3, 4, & 5)	OES - Tramp Elements	Salt Spray	Heat Treating (to condition lab specimens)	Gas Analysis - Combustion (C, S)	Gas Analysis - Inert Gas Fusion O-Oxygen, N-Nitrogen, H-Hydrogen	Semi-quantitative Analysis (See Note 1)	Sieve Analysis	Plastics (See Note 8)	Rubber Materials including Polymers (See Note 8)	Atomic Absorption (See Notes 5 & 6)	AA - Tramp Elements (See Notes 5 & 6)	XRF Quantitative Spectrographic Analysis - All Others (See Notes 4 & 5)	XRD - Retained Austenite (See Note 7)	Fatigue	Fracture Toughness	Sodium, Chloride, Fluoride Analysis	Microscopic Contamination Analysis-SEM		NonMetallics - Tensile/Compressive	NonMetallics -Uncured Properties	NonMetallics - Flex/Short Beam	Particles Size Distribution - Laser Light Scattering		Tensile, Cryogenic	Cryogenic, Coefficient of Thermal Expansion	Humid Stress Rupture	RT and ET - Coefficient of Thermal Expansion	Thermal Conductivity - Metal	Plating Embrittlement	Totals	SQE
	Specific Test Codes General Testing Codes	1	2	3	4	5	6	7	7-a	7-b	7-c	7-d	7-e	7-f	7-g	7-h	7-i	8	9	9-a	10	11	12	12-a	13	14	15	16	17	17-a	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
1	**Accutek Testing Laboratory** 3701 Port Union Road Fairfield, Ohio 45014																																																5	Griffin
2	**Advanced Plastic & Material Testing** 42 Dutch Mill Road Ithaca, NY 14850																																															14	Santangelo
3	**Allvac C.T.S.** Blackmore Street Sheffield S4 &TZ United Kingdom																																															11	Zweifel
4	**ATI Wah Chang** 1600 N.E. Old Salem Road, P.O. Box 460 Albany, Oregon 97321																			Pb,Bi,Y																														4	Matzke
5	**Atlas Testing Labs** 9820 6th Street Rancho Cucamonga, California 91730																			Y,Wrought Alloys Only																														16	Duffy
6	**Connecticut Metallurgical Inc.** 100 Prestige Park Road East Hartford, Connecticut 06108																							O&H																									24	Facas
7	**Delsen Testing Laboratories Inc.** 1024 Grand Central Avenue Glendale, California 91201-3011																																															4	Jacobson
8	**Dickson Testing** 11126 Palmer Avenue Southgate, California 90280																			Y											Pb,Bi,Se, Te,Tl	Y																24	Silvia
9	**Dirats Laboratory** 41 Airport Road P.O. Box 39 Westfield, Massachusetts 01086																			Y											C-Pb,Bi,Se, Te,Tl	Y	R															33	Berube
10	**Durkee Test Labs** 15700 Texaco Street Paramount, California 90723																															Y																	15	Duffy
11	**Eaton Aerospace Laboratories** 23555 Euckid Avenue Cleveland, Ohio 44117																														Pb,Bi,Se, Te,Tl,Ni Base Alloys																			20	Zelle
12	**Exova Inc. - Freeman** 10005 Freeman Avenue Santa Fe, Springs, California 90670																			Y											Pb,Bi,Se, Te,Tl																	18	Jacobson
13	**Exova Inc. - Glendale Heights Lab** 194 International Blvd Glendale Heights, Illinois 60139																																															16	Works

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