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Laboratories Qualified by the Pratt & Whitney Group, Materials Control Laboratory (formerly

Laborato(y)33)p

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3.4 Wet Chemical Analysis

of metallic component to identify alloys. This is not process solution analysis.

3.5 **Optical Emission Spectroscopy (OES)** OES is defined as testing which utilizes uctively Coupled Plasma), DCP (Direct Current Plasma) and DR (Direct

4. PROCEDURE:

4.1 The commercial laboratories listed in <u>Table I</u> have been reviewed by Pratt & Whitney-



TABLE I

TYPE OF TESTING (See TABLE II

COMMERCIAL LABORATORIES



TABLE I

COMMERCIAL LABORATORIES

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TABLE I				
		(See <u>TABL</u>	TESTING <u>E II</u> of TEST DES)	
COMMERCIAL LABORAT	DRIES SMC	Approved Testing	Limited	



TABLE I TYPE OF TESTING (See TABLE II of TEST CODES)

COMMERCIAL LABORATORIES



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TABLE II		
Specific Test Codes	Testing Description Yellow highlighted fields require proficiency testing per MCLM F23	
1	Tensile, Room Temperature	
2	Tensile, Elevated Temperature	
3	Stress Rupture	
4	Creep Rupture	
5	Hardness (all hardness not covered by HIM Code 1)	
6	Impact	
7	Metallographic Examination - Not covered by another suffix (See Note	



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Notes:

1. P&W defines semi-quantitative spectrographic analysis as "The Determination of a material's chemistry to detect the presence of the alloying elements to a