

GF-6 IIIH Matrix Test Status

October 5, 2015

Labs A, B, D and G have completed matrix testing. Lab E is still running tests. All data is posted at:
<ftp://ftp.astmtmc.cmu.edu/refdata/gas/IIIH/data/ltms.csv>

The field COM2 will identify the test as a precision matrix test with a value of "MATRIX".

Lab E has presented information concerning the operational validity of their second test to the Task Force. The Task Force will be making a decision on its validity on their next conference call. The remaining tests from other labs, as shown below, will also be reviewed at that time. Once the matrix is complete the Task Force will make a presentation to the Surveillance Panel.

Estimated Matrix Completion: Week of October 12th

IIH Matrix Test Status

	Lab-Stand	D-1	E-1	B-1	G-1	G-2	A-1	A-2
Run Order	1	434-2 106788-IIIH ✓	438-1 106784-IIIH Low MAP and Fuel Flow	438-1 106796-IIIH Oil Leak 438-1 106797-IIIH ✓	436 106763-IIIH ✓	436 106764-IIIH ✓	438-1 106774-IIIH ✓	434-2 106778-IIIH ✓
	2	434-2 106789-IIIH Loss of Oil Pressure	436 106782-IIIH	436 106792-IIIH ✓	438-1 106767-IIIH ✓	434-2 107873-IIIH ✓	438-1 107869-IIIH ✓	438-1 107870-IIIH ✓
		434-2 106789A-IIIH ✓						
	3	436 106786-IIIH ✓	434-2 106781-IIIH	436 106793-IIIH ✓	438-1 106768-IIIH ✓	434-2 110227-IIIH ✓	434-2 106779-IIIH	436 106775-IIIH ✓
4	438-1 106791-IIIH	434-2 106780-IIIH	434-2 106795-IIIH ✓	434-2 110228-IIIH ✓	438-1 107872-IIIH	436 106777-IIIH	436 106776-IIIH	

✓ Indicates task force has reviewed operational data and found the test to be operationally valid.

Test Reported

Invalid

Reported Test Results

Oil	TestKey	Lab	Stand	EOT Vis Increase (%)	WPD (merits)	Phos. Retention (%)	MRV	Comment
434-2	106778-IIIH	A	2	137.5	3.98	78.47	81300	
	106788-IIIH	D	1	13.6	4.73	79.83	14600	
	107873-IIIH	G	2	166.6	4.10	79.94	102200	
	106789A-IIIH	D	1	59.4	5.60	78.85	36000	
	106795-IIIH	B	1	99.8	3.93	81.34	136000	
	110227-IIIH	G	2	180.9	3.35	81.28	121000	
	106779-IIIH	A	1	104.9	3.66	78.39	60900	
	110228-IIIH	G	1	129.6	4.28	81.22	81800	
	106781-IIIH	E	1	121.8	N/A	N/A	N/A	
436	106763-IIIH	G	1	19.5	4.45	94.73	13100	
	106764-IIIH	G	2	26.9	3.99	95.62	14800	
	106782-IIIH	E	1	19.5	4.25	N/A	N/A	
	106792-IIIH	B	1	22.4	4.77	99.44	15500	
	106793-IIIH	B	1	31.3	4.96	98.06	20000	
	106786-IIIH	D	1	27.8	4.72	95.30	18600	
	106775-IIIH	A	2	38	4.62	91.51	22500	
	106776-IIIH	A	2	22.7	4.92	92.62	15300	
	106777-IIIH	A	1	54.6	4.30	92.37	27900	
438-1	106774-IIIH	A	1	265.1	3.34	79.22	84900	
	106784-IIIH	E	1	34.5	3.72	78.54	22600	Invalid
	106797-IIIH	B	1	24.6	3.32	76.52	19700	
	106767-IIIH	G	1	31.2	3.33	81.30	18900	
	107869-IIIH	A	1	209.0	3.10	77.36	70600	
	107870-IIIH	A	2	31.3	3.42	78.49	13200	
	106768-IIIH	G	1	29.4	3.46	80.85	20500	
	107872-IIIH	G	2	130.9	4.50	79.40	36400	
	106791-IIIH	D	1	25.4	3.59	79.22	9800	



If there are any questions please let me know.

Best regards,
Frank

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<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6matrix/StatusReports/20151005MatrixTestStatus.pdf>