

## **GF-6 IIIH Matrix Test Status October 16, 2015**

Labs A, B, D and G have completed and reported all their matrix tests. Lab E has completed their repeat of Run 1. The data for this test should be reported shortly. All reported 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".

The operational review task force will be reviewing all the remaining operational data on Monday, October 19<sup>th</sup>.

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-IIH ✓	438-1 106784-IIH Low MAP and Fuel Flow	438-1 106796-IIH Oil Leak	436 106763-IIH ✓	436 106764-IIH *	438-1 106774-IIH ✓	434-2 106778-IIH ✓
			438-1 106785-IIH	438-1 106797-IIH ✓				
	2	434-2 106789-IIH Loss of Oil Pressure	436 106782-IIH	436 106792-IIH	438-1 106767-IIH ✓	434-2 107873-IIH ✓	438-1 107869-IIH ✓	438-1 107870-IIH ✓
		434-2 106789A-IIH ✓	*	✓	✓	✓	✓	✓
	3	436 106786-IIH ✓	434-2 106781-IIH ✓	436 106793-IIH ✓	438-1 106768-IIH ✓	434-2 110227-IIH ✓	434-2 106779-IIH ✓	436 106775-IIH ✓
	4	438-1 106791-IIH ✓	434-2 106780-IIH ✓	434-2 106795-IIH ✓	434-2 110228-IIH ✓	438-1 107872-IIH ✓	436 106777-IIH ✓	436 106776-IIH ✓

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

\* Indicates task force is still discussing operational validity of test.

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	4.19	77.42	167000	
	106780-IIIH	E	1	232.4	3.40	82.09	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	Under Review
	106782-IIIH	E	1	19.5	4.25	88.87	34000	Under Review
	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

Frank Farber

GF-6 Matrix Project Supervisor

<ftp://ftp.astmtmc.cmu.edu/docs/gas/GF6matrix/StatusReports/20151016MatrixTestStatus.pdf>