

VG - Report Period: APR 2011
Status Of Reported Tests

STATUS	COUNT	PERCENT
Aborted	6	7.50
Invalid	1	1.25
Valid	73	91.25
Total Reported Tests	80	100.00

VG - Report Period: APR 2011
Itemized Lost Test Report

Obs	Date	TESTKEY	REASON
1	20101013	ACC-6459	This Test Was Aborted At 50 Hrs Due To Blowby Problems.
2	20101122	ACC-6756	Test Terminated At Test Hour 130 Due To An Operational Error, Which Caused The Engine To Operate Outside Of The Test Specification.
3	20101227	ACC-7044	This Test Was Terminated At 70 Hours Due To Low Blow-By.
4	20110105	ACC-7026	Lab Declared This Test Invalid Due Excessive Oil Consumption. Test Exceeded The Allowed Limit Of 2000 Grams.
5	20110120	ACC-7237	Test Terminated By Lab At Test Hour 56 Test Started In Error Due To Ewma Precision Alarm
6	20110208	ACC-7357	Test Was Aborted At 177 Hours Due To A Failed Cam Sensor Connection Causing Low Fuel Dilution.
7	20110218	ACC-7287	Test Was Aborted At 68 Hours Due To A Control Software Error. The Test Ran In 1st Stage For 7 Hours.

VG - Report Period: APR 2011
Replicate Database Report

Components of Replicate Database	APR 2011	All Periods
Number of Tests	.	40
Formulations	.	19
Labs	.	4
Stands	.	17

VG - Report Period: APR 2011
by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
All	AES	21	0.67720	1.89616
All	OSCR (Without SA)	21	1.07217	3.00207
All	RACS	21	0.41701	1.16763
All	AEVB	21	0.16120	0.45135
All	APV	21	0.27798	0.77834
All	OSCR	21	1.07217	3.00207
All	AES (Without SA)	21	0.62517	1.75047
All	RACS (Without SA)	21	0.40617	1.13727
All	AEVB (Without SA)	21	0.14950	0.41861
All	APV (Without SA)	21	0.28671	0.80278

VG - Report Period: APR 2011
Pass/Fail

Report Period	API Category	N	Number Passed	% Passed
APR 2011	All Categories, All Parameters	73	49	67.123
APR 2011	GF-4 - All Parameters	73	50	68.493
APR 2011	GF-4, AES	73	58	79.452
APR 2011	GF-4, AES (Without SA)	73	58	79.452
APR 2011	GF-4, AEVB	73	60	82.192
APR 2011	GF-4, AEVB (Without SA)	73	64	87.671
APR 2011	GF-4, APV	73	63	86.301
APR 2011	GF-4, APV (Without SA)	73	64	87.671
APR 2011	GF-4, OSCR	73	70	95.890
APR 2011	GF-4, OSCR (Without SA)	73	70	95.890
APR 2011	GF-4, RACS	73	68	93.151
APR 2011	GF-4, RACS (Without SA)	73	68	93.151
APR 2011	GF-4, STUCK_RINGS	73	73	100.000
APR 2011	GF-5 - All Parameters	73	49	67.123
APR 2011	GF-5, AES	73	56	76.712
APR 2011	GF-5, AES (Without SA)	73	56	76.712
APR 2011	GF-5, AEVB	73	60	82.192
APR 2011	GF-5, AEVB (Without SA)	73	64	87.671
APR 2011	GF-5, APV	73	63	86.301
APR 2011	GF-5, APV (Without SA)	73	64	87.671
APR 2011	GF-5, OSCR	73	70	95.890
APR 2011	GF-5, OSCR (Without SA)	73	70	95.890
APR 2011	GF-5, RACS	73	68	93.151
APR 2011	GF-5, RACS (Without SA)	73	68	93.151
APR 2011	GF-5, STUCK_RINGS	73	73	100.000

VG - Report Period: APR 2011
Pass/Fail

Report Period	API Category	N	Number Passed	% Passed
All	All Categories, All Parameters	1447	958	66.206
All	GF-4 - All Parameters	1447	1043	72.080
All	GF-4, AES	1447	1171	80.926
All	GF-4, AES (Without SA)	1447	1127	77.885
All	GF-4, AEVB	1447	1291	89.219
All	GF-4, AEVB (Without SA)	1447	829	57.291
All	GF-4, APV	1447	1319	91.154
All	GF-4, APV (Without SA)	1447	1292	89.288
All	GF-4, OSCR	1447	1292	89.288
All	GF-4, OSCR (Without SA)	1447	1290	89.150
All	GF-4, RACS	1447	1403	96.959
All	GF-4, RACS (Without SA)	1447	1400	96.752
All	GF-4, STUCK_RINGS	1447	1446	99.931
All	GF-5 - All Parameters	1447	958	66.206
All	GF-5, AES	1447	1077	74.430
All	GF-5, AES (Without SA)	1447	1047	72.357
All	GF-5, AEVB	1447	1291	89.219
All	GF-5, AEVB (Without SA)	1447	829	57.291
All	GF-5, APV	1447	1319	91.154
All	GF-5, APV (Without SA)	1447	1292	89.288
All	GF-5, OSCR	1447	1244	85.971
All	GF-5, OSCR (Without SA)	1447	1241	85.764
All	GF-5, RACS	1447	1374	94.955
All	GF-5, RACS (Without SA)	1447	1370	94.679
All	GF-5, STUCK_RINGS	1447	1446	99.931



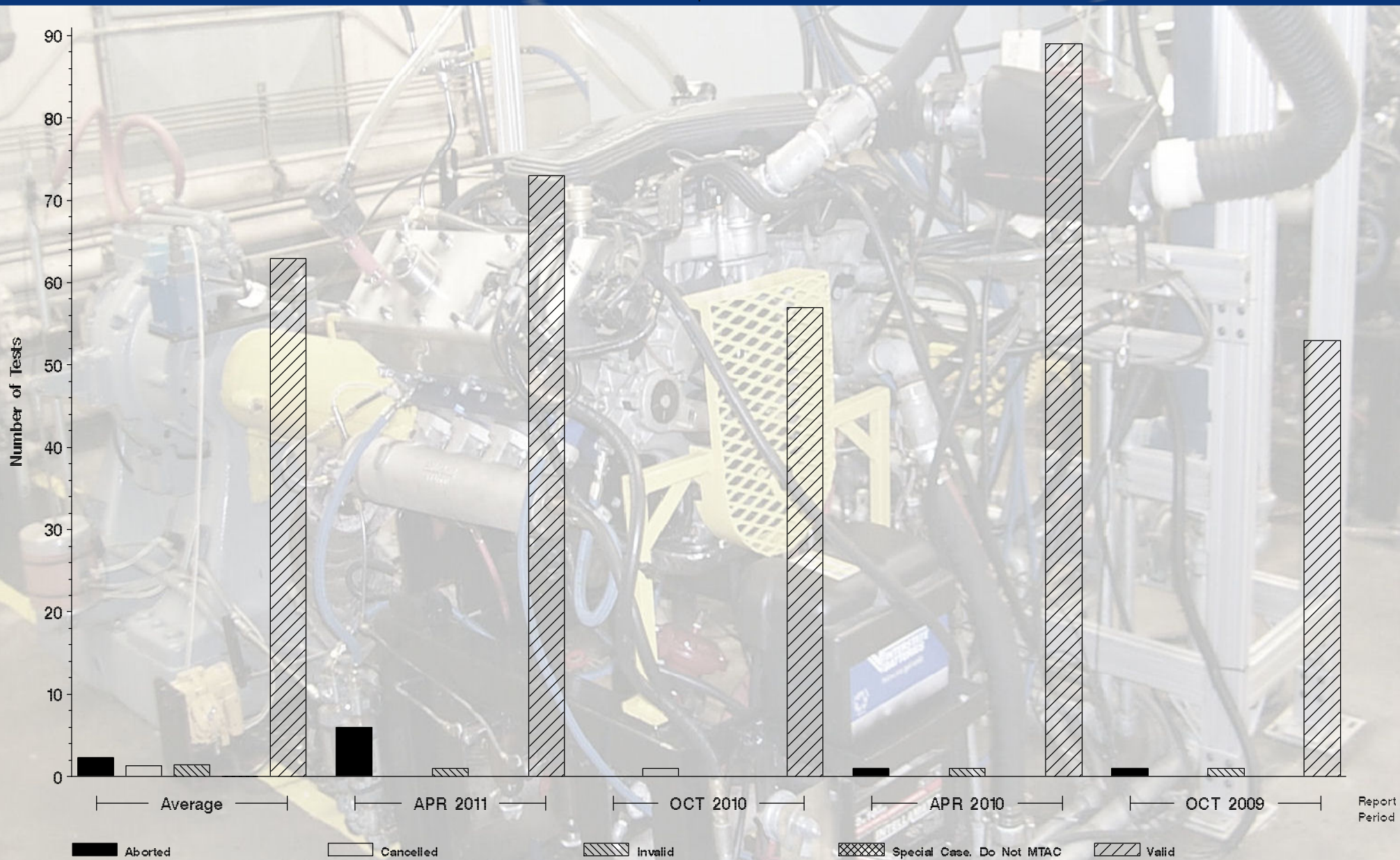
Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

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Status of Reported Tests





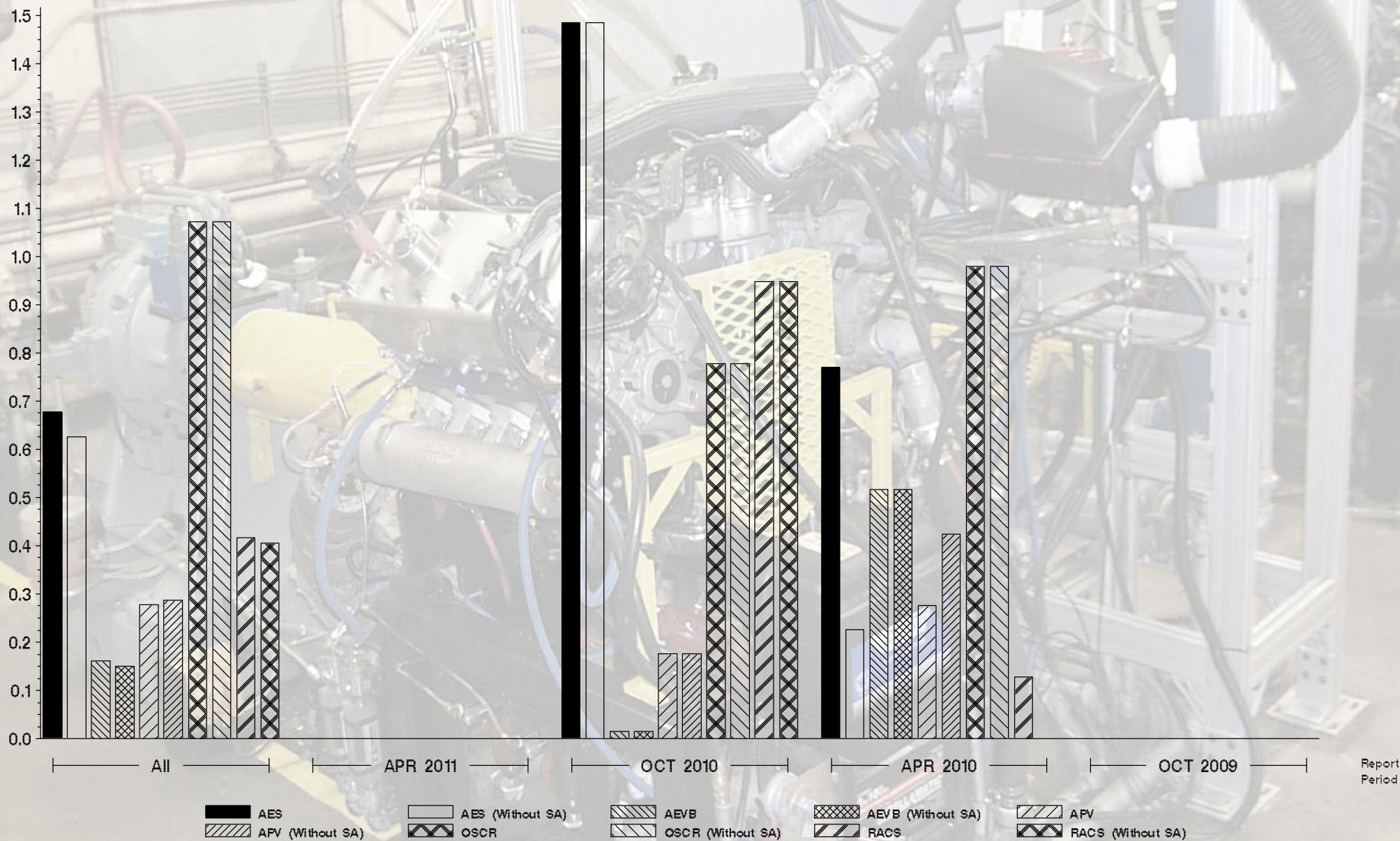
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Candidate Precision as Represented by Pooled S





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