

**1N - Report Period: APR 2020
where Testtype eq '1N'
Status Of Reported Tests**

1

STATUS	COUNT	PERCENT
Invalid	1	11.111
Valid	8	88.889
Total Reported Tests	9	100.000

1N - Report Period: APR 2020
where Testtype eq '1N'
Itemized Lost Test Report

2

Obs	Date	TESTKEY	REASON
1	20191112	ACC-26966	Test Invalid Due To Excess Crankcase Pressure

1N - Report Period: APR 2020
where Testtype eq '1N'
Replicate Database Report

Components of Replicate Database	APR 2020	All Periods
Number of Tests	.	169
Formulations	.	76
Labs	.	8
Stands	.	47

1N - Report Period: APR 2020
where Testtype eq '1N'
by-Formulation Pooled s and Reproducibility of Replicate Data

Report Period	Parameter	Degrees of Freedom	Pooled s	R
All	TGF	93	12.4275	34.797
All	WD	93	43.9381	123.027
All	TLHC	93	0.8851	2.478
All	BSOC	93	0.0743	0.208
All	TGF (Without SA)	93	8.3417	23.357
All	WD (Without SA)	93	33.8177	94.690
All	TLHC (Without SA)	93	0.4238	1.187
All	BSOC (Without SA)	93	0.0468	0.131

1N - Report Period: APR 2020

where Testtype eq '1N'

Pass/Fail

TGF <=20 STUCK_RINGS ='NO' WD <=286.2 TLHC <=3 BSOC <=0.5 SCUFFING ='NO'

Report Period	API Category	N	Number Passed	% Passed
APR 2020	All Categories, All Parameters	8	7	87.500
APR 2020	CJ-4 - All Parameters	8	7	87.500
APR 2020	CJ-4, BSOC	8	8	100.000
APR 2020	CJ-4, BSOC (Without SA)	8	8	100.000
APR 2020	CJ-4, SCUFFING	8	8	100.000
APR 2020	CJ-4, STUCK_RINGS	8	8	100.000
APR 2020	CJ-4, TGF	8	7	87.500
APR 2020	CJ-4, TGF (Without SA)	8	8	100.000
APR 2020	CJ-4, TLHC	8	8	100.000
APR 2020	CJ-4, TLHC (Without SA)	8	8	100.000
APR 2020	CJ-4, WD	8	7	87.500
APR 2020	CJ-4, WD (Without SA)	8	7	87.500
All	All Categories, All Parameters	1285	399	31.051
All	CJ-4 - All Parameters	1285	399	31.051
All	CJ-4, BSOC	1285	1270	98.833
All	CJ-4, BSOC (Without SA)	1285	1277	99.377
All	CJ-4, SCUFFING	1285	811	63.113
All	CJ-4, STUCK_RINGS	1285	817	63.580
All	CJ-4, TGF	1285	873	67.938
All	CJ-4, TGF (Without SA)	1285	1117	86.926
All	CJ-4, TLHC	1285	1053	81.946
All	CJ-4, TLHC (Without SA)	1285	1178	91.673
All	CJ-4, WD	1285	921	71.673
All	CJ-4, WD (Without SA)	1285	1034	80.467



Monitoring Agency

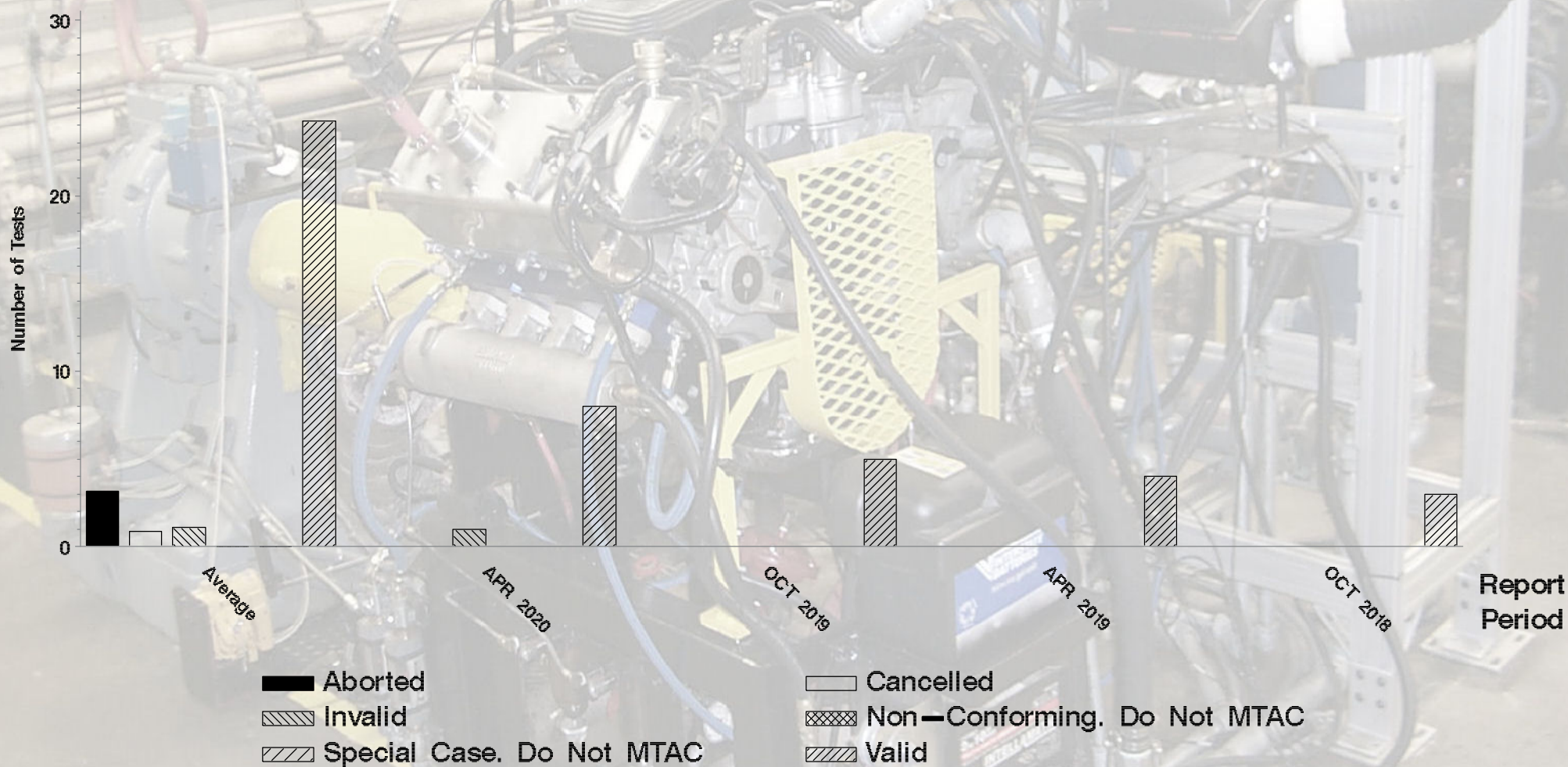
6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

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Status of Reported Tests





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Candidate Precision as Represented by Pooled S

