

***T12 (CH-4) - Report Period: OCT 2016***  
***Status Of Reported Tests***

STATUS	COUNT	PERCENT
Aborted	8	16.667
Cancelled	1	2.083
Invalid	1	2.083
Valid	38	79.167
Total Reported Tests	48	100.000

***T12 (CH-4) - Report Period: OCT 2016***  
***Itemized Lost Test Report***

Obs	Date	TESTKEY	REASON
1	20160504	ACC-18394	Test Declared Invalid Due To Head Gasket Failure Allowing Engine Coolant Into Combustion Chamber.
2	20160512	ACC-18455	Test Terminated At Test Hour 100 Due To Engine Knock At Stage Change.
3	20160517	ACC-18462	Test Terminated At Test Hour 121 At Sponsor Request.
4	20160524	ACC-18522	Test Terminated After Breakin; Debris In Filter.
5	20160608	ACC-18596	Test Terminated During Break-In Due To Rod Bearing Failure.
6	20160630	ACC-18690	Test Terminated At Test Hour 145 Due To Failed Rod Bearing.
7	20160714	ACC-18739	Test Terminated During Break-In Due To Rod Bearing Failure.
8	20160728	ACC-18780	Test Terminated At Test Hour 159 Due To Oil Filter Failure.
9	20160810	ACC-18831	Test Terminated At Break-In Due To A Failure Of The Number 5 Connecting Rod.
10	20160928	ACC-19094	Test Terminated At Test Hour 104 Due To Missing The 100 Hour Soot Window Caused By A Failed Injector.

***T12 (CH-4) - Report Period: OCT 2016***  
***Replicate Database Report***

Components of Replicate Database	OCT 2016	All Periods
Number of Tests	.	10
Formulations	.	5
Labs	.	4
Stands	.	7

***T12 (CH-4) - Report Period: OCT 2016***  
***by-Formulation Pooled s and Reproducibility of Replicate Data***

Report Period	Parameter	Degrees of Freedom	Pooled s	R
All	DPBFNL	5	0.9713	2.7197
All	CLWFNL	5	3.2450	9.0860
All	ATRWLFNL	5	31.6954	88.7472

**T12 (CH-4) - Report Period: OCT 2016**  
**Pass/Fail**

Report Period	API Category	N	Number Passed	% Passed
OCT 2016	All Categories, All Parameters	38	15	39.474
OCT 2016	CH-4 - All Parameters	38	15	39.474
OCT 2016	CH-4, ATRWLFNL	38	25	65.789
OCT 2016	CH-4, CLWFNL	38	38	100.000
OCT 2016	CH-4, DPBFNL	38	24	63.158
All	All Categories, All Parameters	666	201	30.180
All	CH-4 - All Parameters	666	201	30.180
All	CH-4, ATRWLFNL	666	355	53.303
All	CH-4, CLWFNL	666	666	100.000
All	CH-4, DPBFNL	666	361	54.204

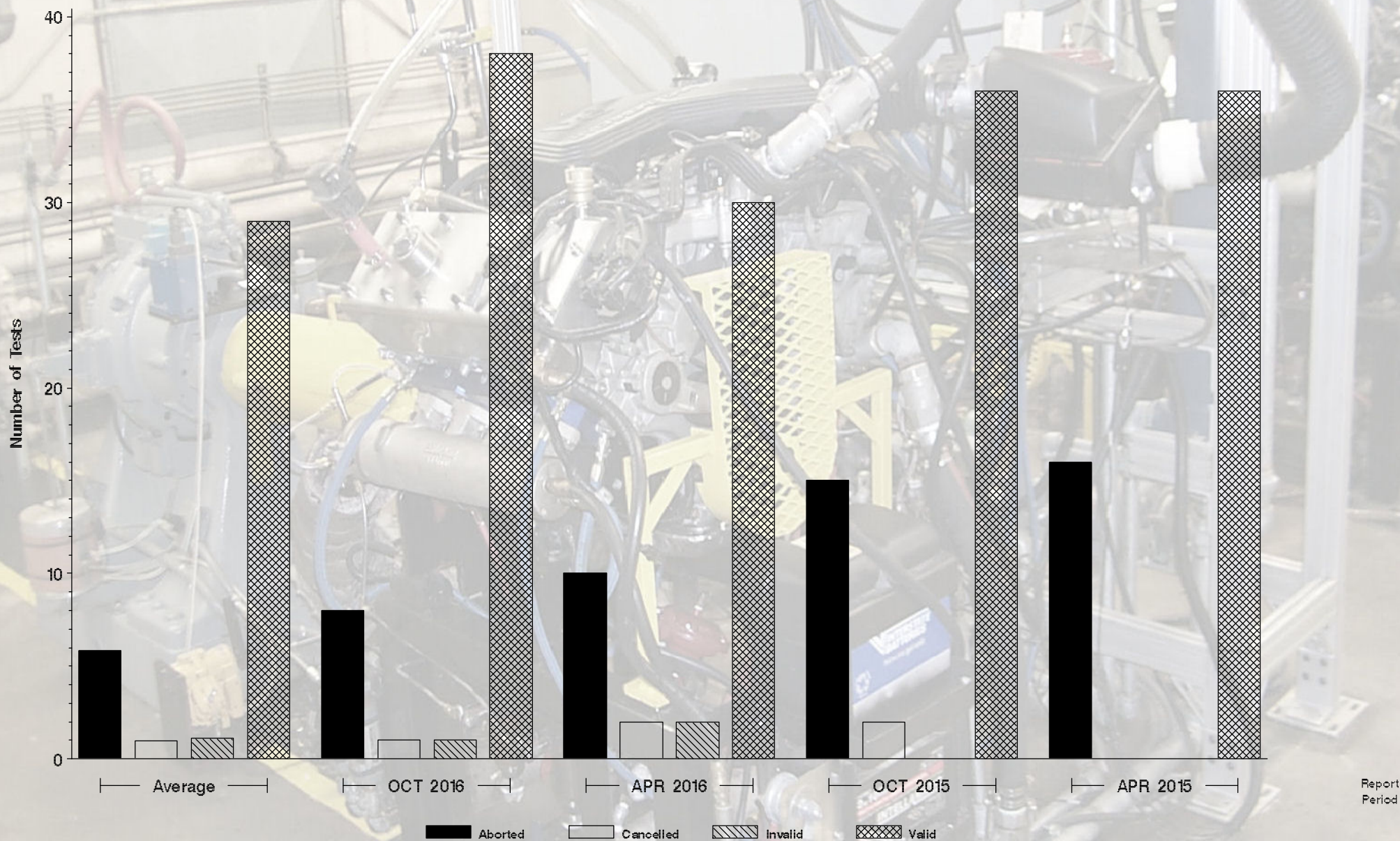


# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

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Status of Reported Tests







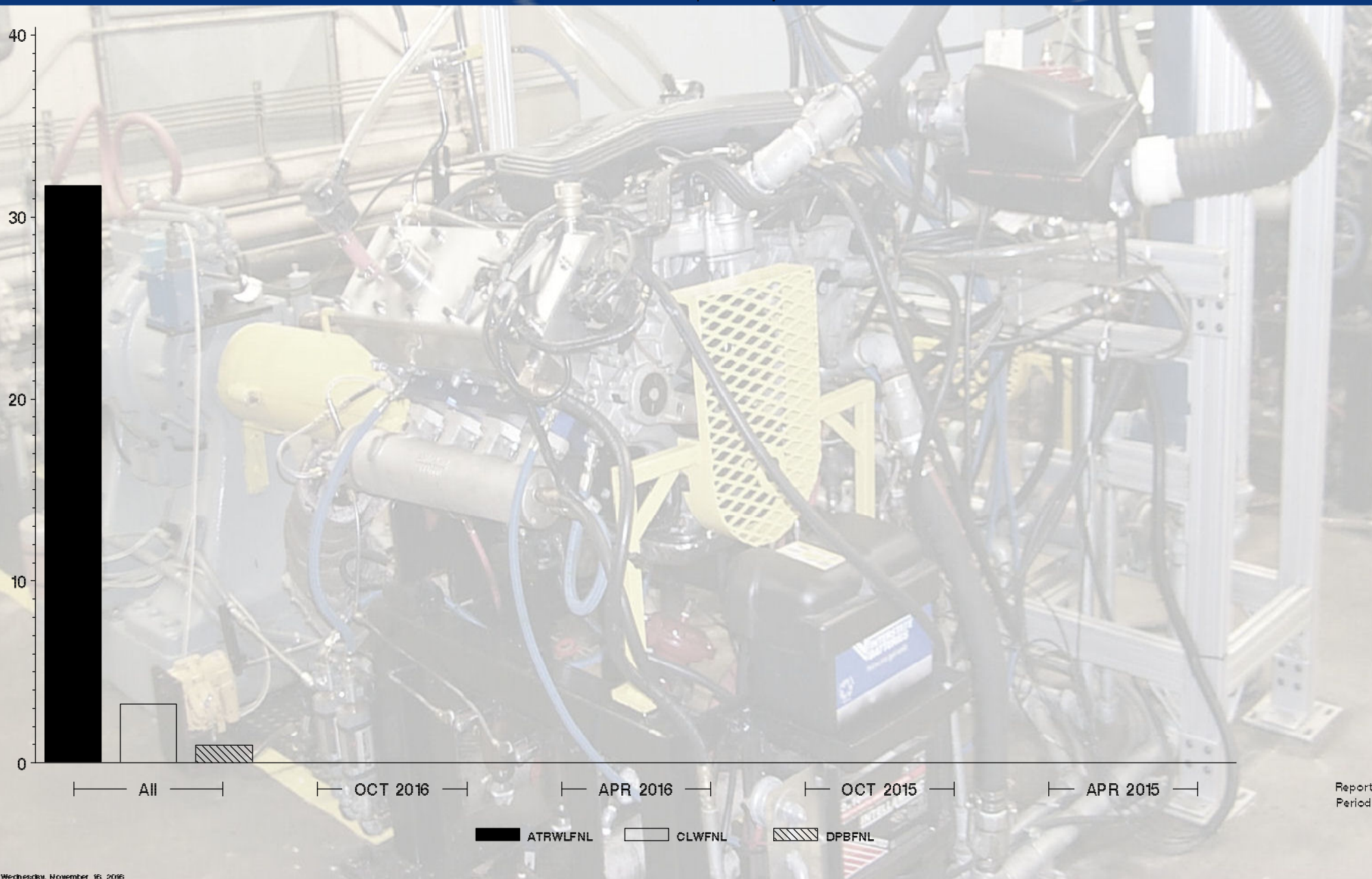
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T12 (CH-4)

Candidate Precision as Represented by Pooled S





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