

***ISM - Report Period: OCT 2011***  
***Status Of Reported Tests***

STATUS	COUNT	PERCENT
Aborted	4	16.667
Cancelled	1	4.167
Valid	19	79.167
Total Reported Tests	24	100.000

***ISM - Report Period: OCT 2011***  
***Itemized Lost Test Report***

Obs	Date	TESTKEY	REASON
1	20110412	ACC-7581	Test Terminated By Lab Due To Piston Damage After Cooling Jet Failure.
2	20110427	ACC-7776	Test Terminated At 117.6hrs For Coolant Contamination. Cylinder 4 Liner Seal Was Leaking.
3	20110609	ACC-8056	This Test Was Terminated At Test Hour 121 Per Sponsor's Request.
4	20110623	ACC-8132	Test Was Terminated At Test Hour 125 Due To A Broken Crankshaft.
5	20110921	ACC-8616	Lab Declared Test Invalid Due To 3 Injector Adjusting Screws That Were Greatly Affected By Major Engine Repair.

***ISM - Report Period: OCT 2011***  
***Replicate Database Report***

Components of Replicate Database	OCT 2011	All Periods
Number of Tests	2	19
Formulations	1	9
Labs	1	4
Stands	1	6

***ISM - Report Period: OCT 2011***  
***by-Formulation Pooled s and Reproducibility of Replicate Data***

Report Period	Parameter	Degrees of Freedom	Pooled s	R
OCT 2011	ISMMER	1	1715.72	4804.03
OCT 2011	ARWLTFNL	1	2.19	6.14
All	ISMMER	10	972.68	2723.50
All	ARWLTFNL	10	12.41	34.76

**ISM - Report Period: OCT 2011**  
**Pass/Fail**

Report Period	API Category	N	Number Passed	% Passed
OCT 2011	All Categories, All Parameters	19	5	26.316
OCT 2011	CJ-4 - All Parameters	19	5	26.316
OCT 2011	CJ-4, ARWLTFNL	19	19	100.000
OCT 2011	CJ-4, ISMMER	19	5	26.316
All	All Categories, All Parameters	307	105	34.202
All	CJ-4 - All Parameters	307	105	34.202
All	CJ-4, ARWLTFNL	307	297	96.743
All	CJ-4, ISMMER	307	105	34.202

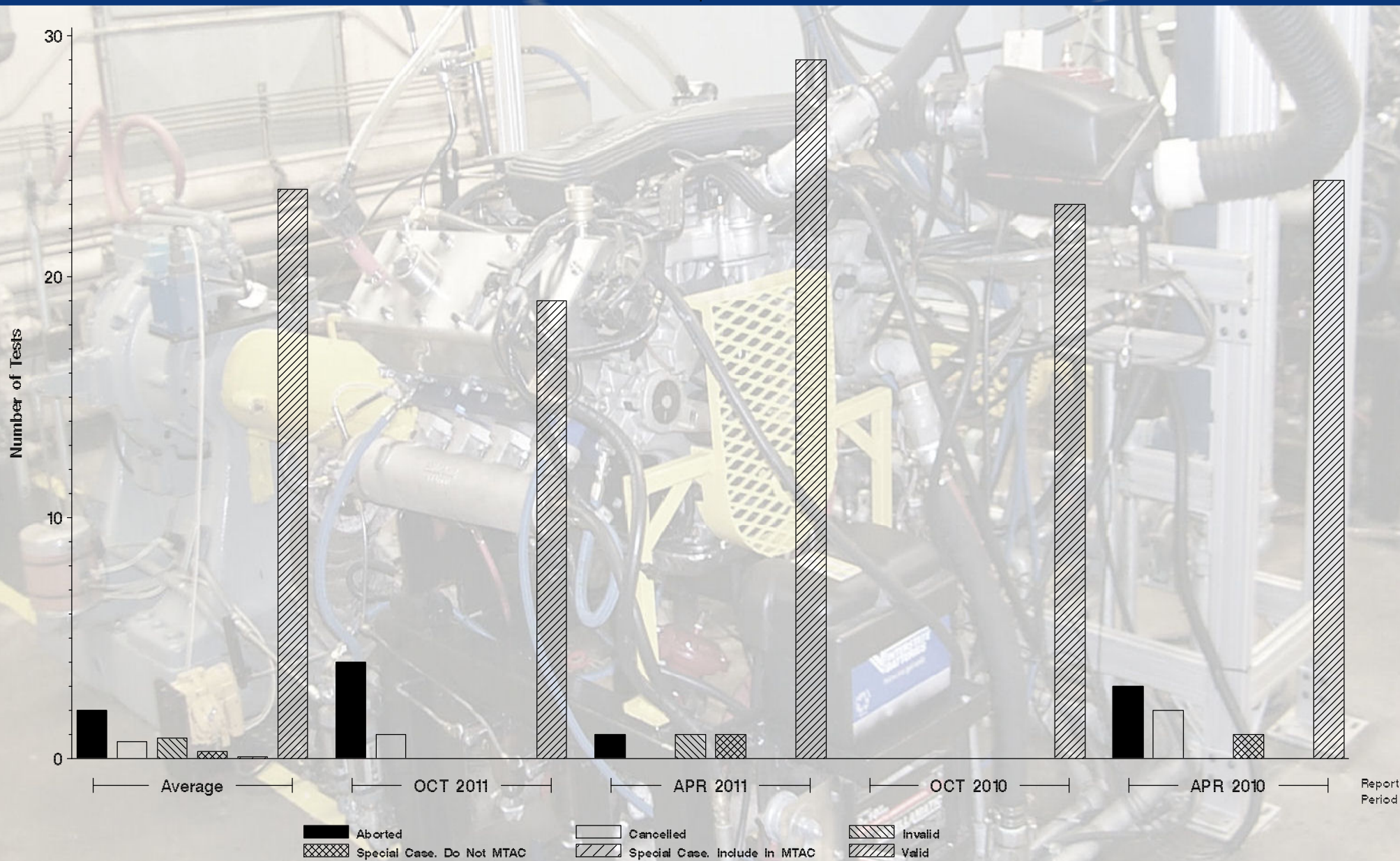


# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

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Status of Reported Tests







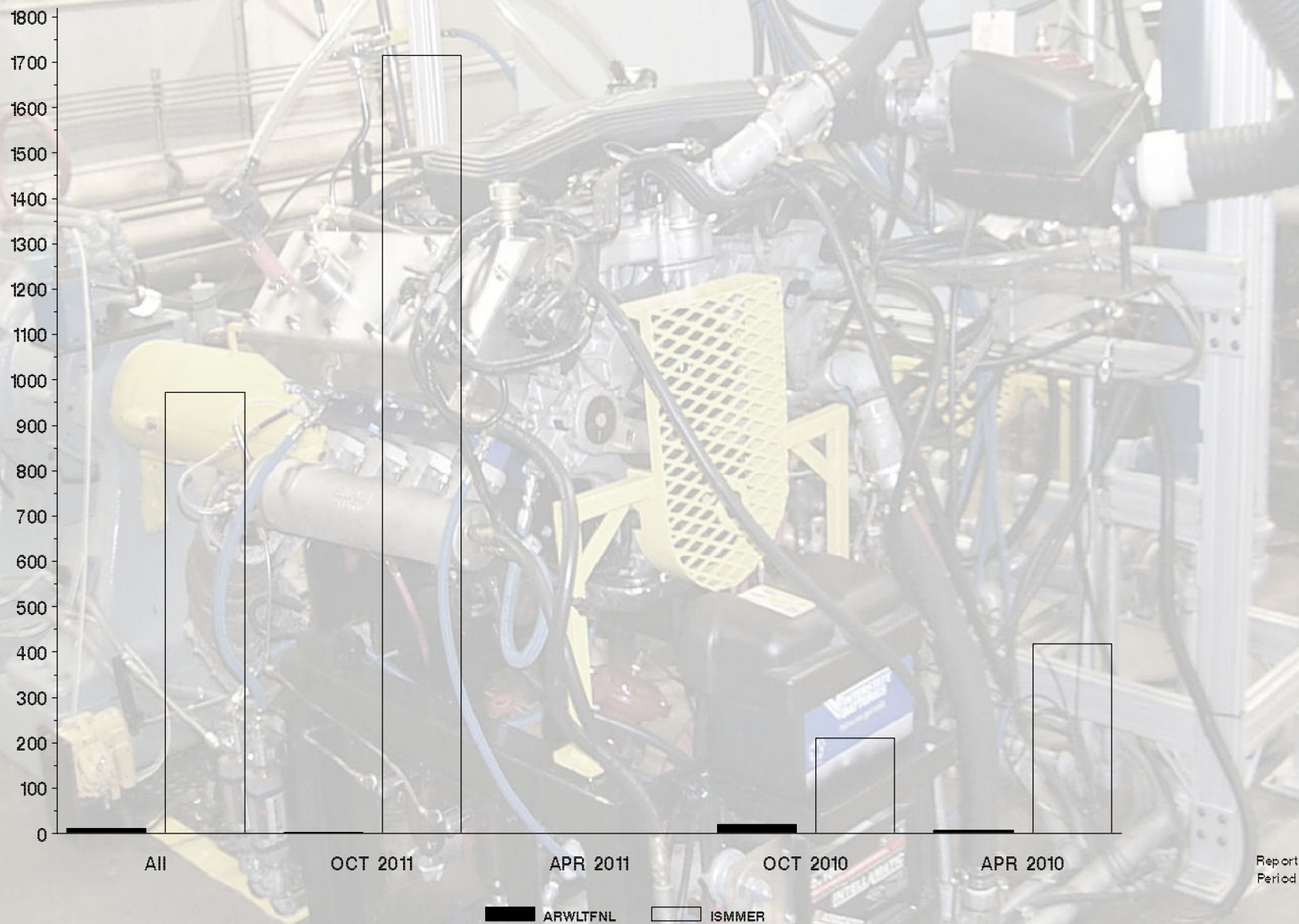
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