

**T11 - Report Period: APR 2019**  
**Status Of Reported Tests**

1

| STATUS               | COUNT | PERCENT |
|----------------------|-------|---------|
| Valid                | 13    | 100     |
| Total Reported Tests | 13    | 100     |

**T11 - Report Period: APR 2019**  
**Replicate Database Report**

| Components of Replicate Database | APR 2019 | All Periods |
|----------------------------------|----------|-------------|
| Number of Tests                  | .        | 12          |
| Formulations                     | .        | 6           |
| Labs                             | .        | 3           |
| Stands                           | .        | 6           |

**T11 - Report Period: APR 2019**  
**by-Formulation Pooled s and Reproducibility of Replicate Data**

| Report Period | Parameter        | Degrees of Freedom | Pooled s | R       |
|---------------|------------------|--------------------|----------|---------|
| All           | MRV              | 6                  | 965.574  | 2703.61 |
| All           | MRV (Without SA) | 6                  | 986.154  | 2761.23 |

**T11 - Report Period: APR 2019  
Pass/Fail**

| Report Period | API Category                   | N   | Number Passed | % Passed |
|---------------|--------------------------------|-----|---------------|----------|
| APR 2019      | All Categories, All Parameters | 13  | 2             | 15.385   |
| APR 2019      | CJ-4 - All Parameters          | 13  | 2             | 15.385   |
| APR 2019      | CJ-4, MRV                      | 13  | 13            | 100.000  |
| APR 2019      | CJ-4, MRV (Without SA)         | 13  | 13            | 100.000  |
| APR 2019      | CJ-4, SOOT                     | 13  | 4             | 30.769   |
| APR 2019      | CJ-4, SOOT (Without SA)        | 13  | 6             | 46.154   |
| APR 2019      | CJ-4, SOOT4                    | 13  | 13            | 100.000  |
| APR 2019      | CJ-4, SOOT4 (Without SA)       | 13  | 13            | 100.000  |
| APR 2019      | CJ-4, SOOT5                    | 13  | 2             | 15.385   |
| APR 2019      | CJ-4, SOOT5 (Without SA)       | 13  | 3             | 23.077   |
| All           | All Categories, All Parameters | 520 | 98            | 18.846   |
| All           | CJ-4 - All Parameters          | 520 | 98            | 18.846   |
| All           | CJ-4, MRV                      | 520 | 509           | 97.885   |
| All           | CJ-4, MRV (Without SA)         | 520 | 510           | 98.077   |
| All           | CJ-4, SOOT                     | 520 | 191           | 36.731   |
| All           | CJ-4, SOOT (Without SA)        | 520 | 248           | 47.692   |
| All           | CJ-4, SOOT4                    | 520 | 453           | 87.115   |
| All           | CJ-4, SOOT4 (Without SA)       | 520 | 453           | 87.115   |
| All           | CJ-4, SOOT5                    | 520 | 110           | 21.154   |
| All           | CJ-4, SOOT5 (Without SA)       | 520 | 98            | 18.846   |



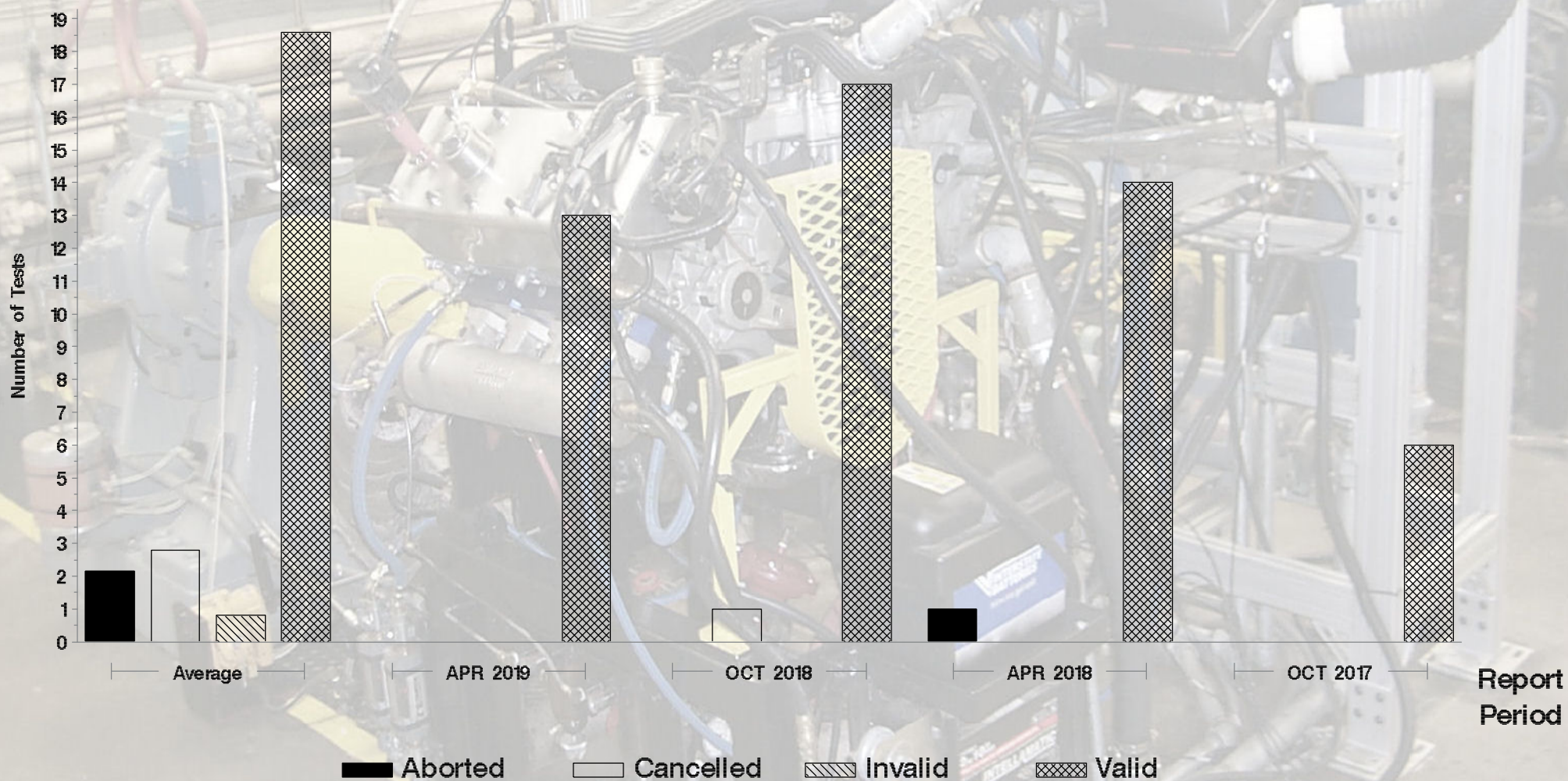
# Monitoring Agency

6555 Penn Avenue, Pittsburgh, PA 15206

<https://acc-ma.org>

## T11

### Status of Reported Tests





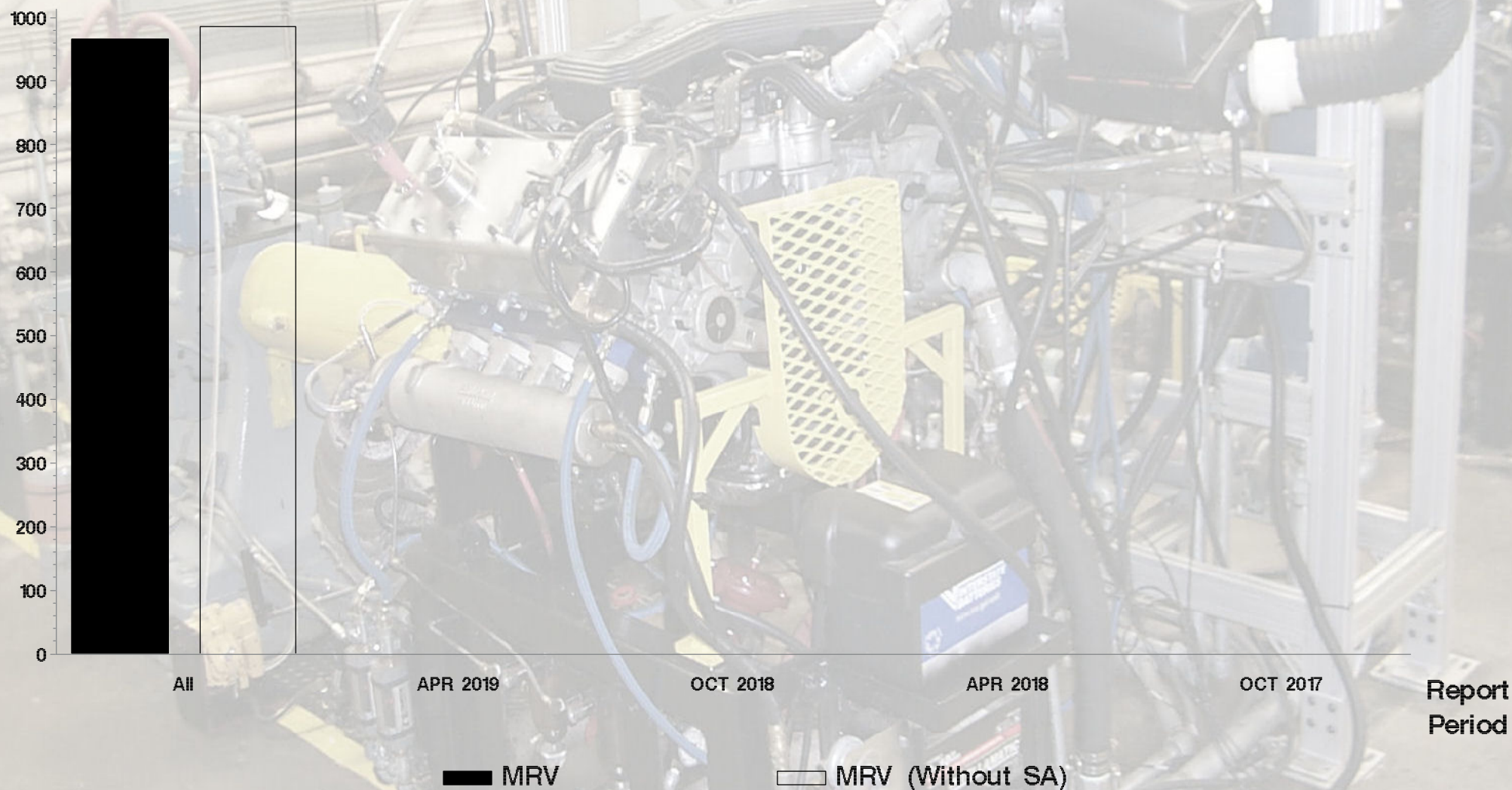
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## T11

Candidate Precision as Represented by Pooled S



Report  
Period