Form 11.1

Component ID Tag

ABC A BB

FHC I&M

Comp ID Tag

42000

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Example | |  |  |  |  |  |
| 11.2 Precision Test Record | | |  |  |  |  |
|  |  |  |  |  |  |  |
| **EPA Method 21 - Precision Test Record** | | | | | | |
|
| Date: |  |  |  |  |  |  |
| Instrument (make and model): | | |  |  |  |  |
| Serial No.: | |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Operator: | |  |  |  |  |  |
| Stationary Source: | |  |  | SSID: |  |  |
| Facility: | |  |  | FID: |  |  |
|  |  |  |  |  |  |  |
| Calibration Gases *(show actual concentrations and gas type)* | | | | |  |  |
|  | Concentration | | Gas Type | Certification No. | | Date Certified |
| Gas 1 |  | ppm +/- 2% | Methane |  | |  |
| Gas 2 |  | ppm +/- 2% | Methane |  | |  |
|  |  |  |  |  |  |  |
| Calibration Precision Test (Per Sec. 8.1.2 of Method 21) | | | | |  |  |
| Gas 1 | Run No. |  | Instrument Reading | Difference | % Diff |  |
|  | 1 |  |  |  |  |
|  | 2 |  |  |  |  |
|  | 3 |  |  |  |  |
|  | Total % Difference: | |  |  |  |
|  | Average % Difference: | |  |  |  |
|  |  |  |  |  |  |  |
| Gas 2 | Run No. |  | Instrument Reading | Difference | % Diff |  |
|  | 1 |  |  |  |  |
|  | 2 |  |  |  |  |
|  | 3 |  |  |  |  |
|  | Total % Difference | |  |  |  |
|  | Average % Difference | |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Calibration Precision (Each % Diff must be less than 10%, per Method 21) | | | | | |  |
| Gas 1 | 0.00 |  |  |  |  |  |
| Gas 2 | 0.0 |  |  |  |  |  |
| Comments: | |  | Technician Name: |  |  |  |
|  |  |  | Date: |  |  |  |
|  |  |  | Signature: |  |  |  |
|  |  |  |  |  |  |  |

Example

11.3 Leak Tag

Rule 331 Inspection Leak Tag

Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Facility:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Detection Date: \_\_\_\_\_\_\_\_\_\_\_ Time: \_\_\_\_\_\_\_\_\_\_\_\_

Leak Rate: ppm \_\_\_\_\_\_\_\_\_\_\_\_ dpm \_\_\_\_\_\_\_\_\_\_\_\_\_

Repair Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Time: \_\_\_\_\_\_\_\_\_\_\_\_\_

Repair Description: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reinspection Date: \_\_\_\_\_\_\_\_\_\_Time: \_\_\_\_\_\_\_\_\_\_\_\_\_

Reinspection Concentration: ppm \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Example |  | |  |  |  |  |  |  |  |  |  |  |
| 11.4 Component Leak Report | | | | |  |  |  |  |  |  |  |  |
|  |  | |  |  |  |  |  |  |  |  |  |  |
| Company: | | ABC Prod Zone A | | | Components | Valves | Others | Pumps | Compressors | PRDs | Report Date: | 30-Jun-11 |
| SSID: | | 78910 | | | Accessibles Inspected | 1577 | 11401 | 14 | 5 | 10 |  |  |
| Facility: | | Lease BB | | | Inacc. Inspected Yr to Date | 0 | 0 | 0 | 0 | 0 |  |  |
| FID: | | 12345 | | | Total No. Leaking | 2 | 3 | 1 | 0 | 0 |  |  |
| Inspection Method: | | | TVA |  | % Leaking | 0.13% | 0.03% | 7.14% | 0.00% | 0.00% |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Component | | | | Description Location | Inspection Date | Leak Rate | | Repair Date | Repair Type | Reinspection | |
| Tag No. | Type | Size " | Service Type | ppm | dpm | Date | Conc ppm |
| 42030.7 | Tube | 0.5 | Gas | Sampling pt at scrubber | 6-Mar-11 | 1350 |  | 6-Mar-11 | tightened | 6-Mar-11 | 15 |
| 12401.1 | Valve | 2 | Gas | steam gen #12 | 6-Mar-11 | 2200 |  | 6-Mar-11 | tightened | 6-Mar-11 | 3 |
| 12123.1 | Valve | 1 | LtLiq | steam gen #12 | 6-Mar-11 | 1150 |  | 6-Mar-11 | replaced | 6-Mar-11 | 4 |
| 9444.3 | Tube | 0.5 | Gas | gas meter | 6-Mar-11 | 1400 |  | 6-Mar-11 | tightened | 6-Mar-11 | 2.5 |
| 8601.5 | Conn | 1.5 | Gas | LACT inlet | 6-Mar-11 | 3700 |  | 6-Mar-11 | replaced | 6-Mar-11 | 0 |
| 4221 | Comp | 2 | Gas | OH Comp 12 | 6-Mar-11 | 14000 |  | 6-Mar-11 | tightened | 6-Mar-11 | 4 |
| 6001.1 | Conn | 1 | LtLiq | WEMCO top | 6-Mar-11 | 7100 |  | 6-Mar-11 | tightened | 6-Mar-11 | 3 |
|  |  |  |  |  |  |  |  |  |  |  |  |
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Example

11.7 Work Request & Equipment Repair Tracking Report including BACT

Work Request & Equipment Repair Tracking Report

Company \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SSID \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Facility \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FID \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

REPAIR REQUEST / WORK ORDER

Leak Location/Unit \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Leak Detection Date \_\_\_\_\_\_ Repair req’d in \_\_\_\_ days, or by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ date\_\_\_\_\_\_\_\_\_\_\_

Component Type \_\_\_\_\_\_\_\_\_\_\_\_\_ ID No. \_\_\_\_\_\_\_\_\_\_ Size (“) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Component □Critical □ Unsafe to Monitor □ Inaccessible □ Major □ Minor

Leak Reading Gas (ppm) \_\_\_\_\_ Liquid (drops per minute) \_\_\_\_\_\_\_\_

Service □ Gas/Lt Liquid □ Heavy Liquid □ Produced Water

Instrument or Method Used □OVA □TLV □ Soap □Visual □ Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of repair actions on this component in last 12 months \_\_\_\_\_\_\_\_\_. (If ≥5, BACT required)

REPAIR REPORT

Repair Date \_\_\_\_\_\_\_\_\_\_\_ Technician \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Repair Type: □ Tighten □ Teflon Tape □Replace Gasket □Change □ Component Replacement □BACT Replacement

□ Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

REINSPECTION

Reinspection Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Leak Check Reading Gas (ppm) \_\_\_\_\_\_ Liquid (drops per minute) \_\_\_\_\_\_\_\_

Instrument Used \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Inspected By \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_