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 |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |

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 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_