

RegPerfect®

Version 4

Data Acquisition System

Product Description

The Teledyne Monitor Labs' **RegPerfect**® software system is a state of the art Data Acquisition Handling and Reporting System. **RegPerfect**® is the culmination of more than 32 years of experience in the data acquisition system business. **RegPerfect**® is designed to comply with the data collection, quality assurance, and reporting requirements of the Federal EPA (i.e.: 40CFR60, 40CFR75, etc.), Regional Regulations (i.e.: NOx Budget Program, RECLAIM Clean Air Interstate Rule, etc.), and State/Local Requirements (i.e.: Permit, etc.). Operating in real time, **RegPerfect**® provides the visibility and connectivity for all your environmental and operational needs related to the performance of your Continuous Emissions Monitoring (CEM) systems.

Developed from the ground up as a suite of Microsoft® applications, **RegPerfect**® takes full advantage of the power and security of Windows Server 2003, Office 2007 Professional and SQL Server™ 2005. In addition, **RegPerfect**® has several easy to use interfaces which provide functions such as Editing, Report Generation, Alarm Notification and Data display.

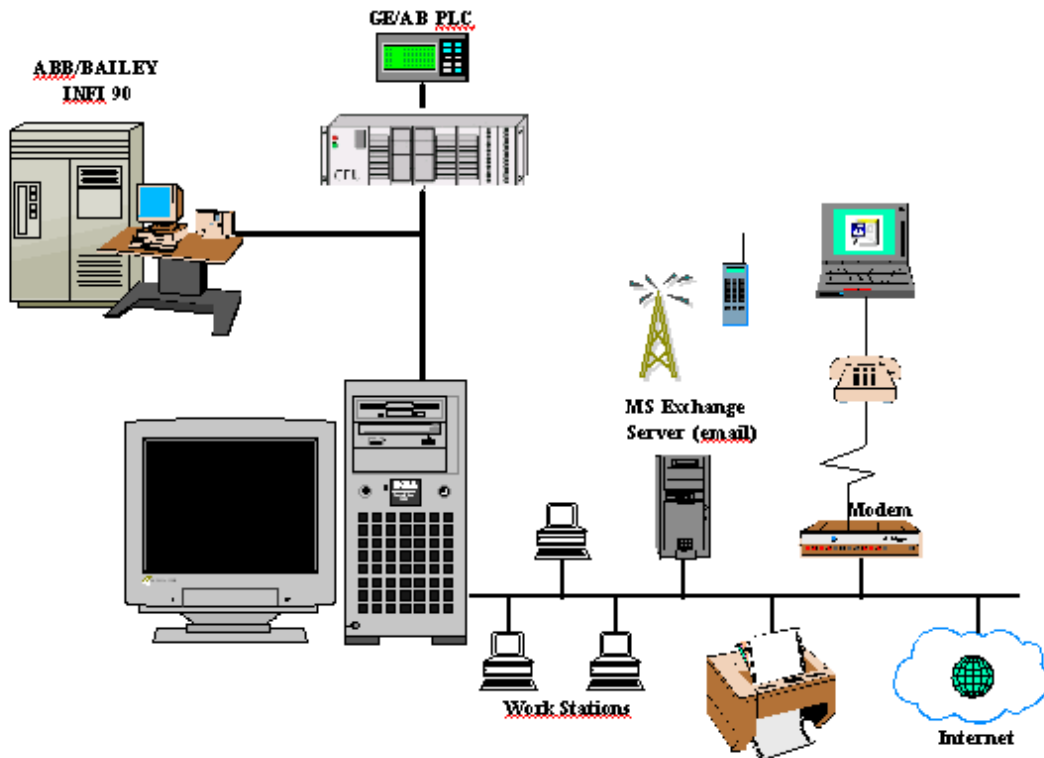
RegPerfect® minimizes operator involvement by calculating permitted parameters, verifying measurement system integrity, and implementing data substitution algorithms when required to provide certified data for reporting. The alarm notification feature prompts an operator for real-time reason code/event comment input to make downtime and excess emissions reporting easier. Automatic reason code entry can also be configured where a predetermined reason code can be automatically entered based upon logical conditions.

RegPerfect® intelligently interfaces to many types of CEM systems including the TML® 660 dry-extractive system, TML® 675 dilution extractive system, TML® TRS system, TML® Insitu systems, and Continuous Opacity Monitoring Systems (COMS). **RegPerfect**® also interfaces with any other CEM system through either a GE or an Allen Bradley Programmable Logic Controller or a Bailey Infi90 DCS.

Database Description

RegPerfect® utilizes Microsoft® SQL Server as its database foundation. With extensive experience in gas emissions monitoring for environmental compliance, Teledyne Monitor Labs has designed a database structure using SQL Server with the stack CEM system and regulatory data reporting requirements in mind that is efficient, accurate and reliable. What's more, the Microsoft® SQL database is fully ODBC compliant allowing for easy connectivity to other popular programs such as Microsoft Excel®, Access®, and Word®. In addition, TML now utilizes SQL Server's built in report module to generate all compliance reports.

Network Connectivity



RegPerfect® is designed as a client-server application. A **RegPerfect®** server can be attached to the network via standard Ethernet protocols thus allowing **RegPerfect®** client software to run from any network connected PC.

The **RegPerfect®** alarm functions were designed to provide email capability. Alarms can be configured to be sent to an email address providing connectivity to your CEM system without hovering over the data acquisition system.

The **RegPerfect®** Spotlight application allows users to design an unlimited number of graphical displays including Alarm, Trending, and System Status information. Control functions, like initiating a calibration sequence, and Application short cuts can also be included.

Users are able to design internet or intranet based web pages that can access the SQL Server database. The capabilities are only limited by the technical advances of Microsoft or others designing software based upon Microsoft® principals.

Regulatory Compliance

RegPerfect® is designed to meet the environmental reporting requirements found in Continuous Emission Monitoring regulations such as 40 CFR Part 60, 40 CFR Part 75, The Clean Air IntraState Rule, The NOx Budget Trading Program, State Regulations (including RECLAIM) and local reporting requirements.

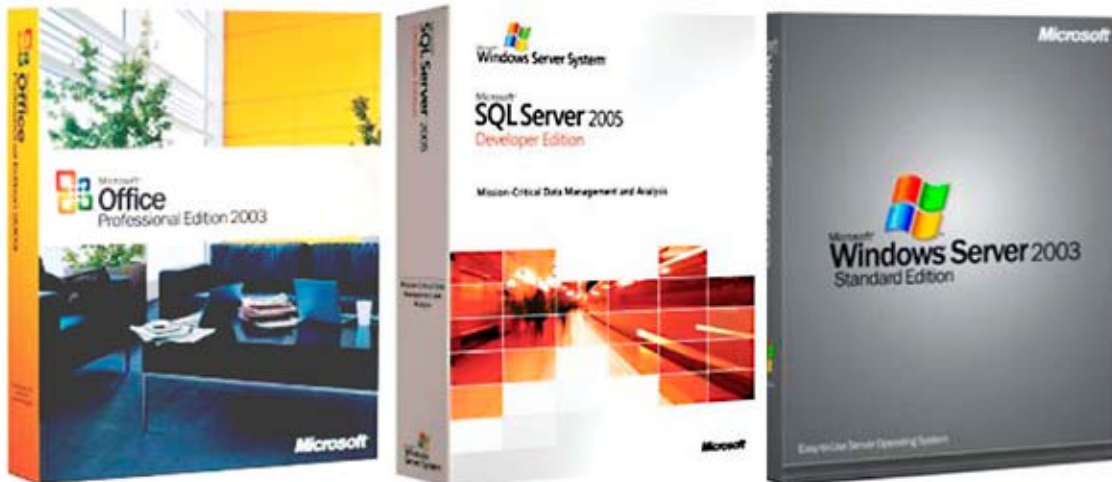
Hardware

The **RegPerfect®** server is provided with a Quad-Core Intel® Xeon® processor, four hot-swappable hard drives in a RAID 1 configuration, two GB RAM, DVD R/W drive, external hard drive for data archive and backup, sound card, keyboard, mouse, modem, network card, and a 19" LCD monitor.

Software

Third Party Software

RegPerfect® server's are provided with Microsoft Windows Server 2003, Microsoft SQL Server 2005 and Microsoft Office 2007 Professional. Workstations include Windows XP Professional and Office 2007 Professional.



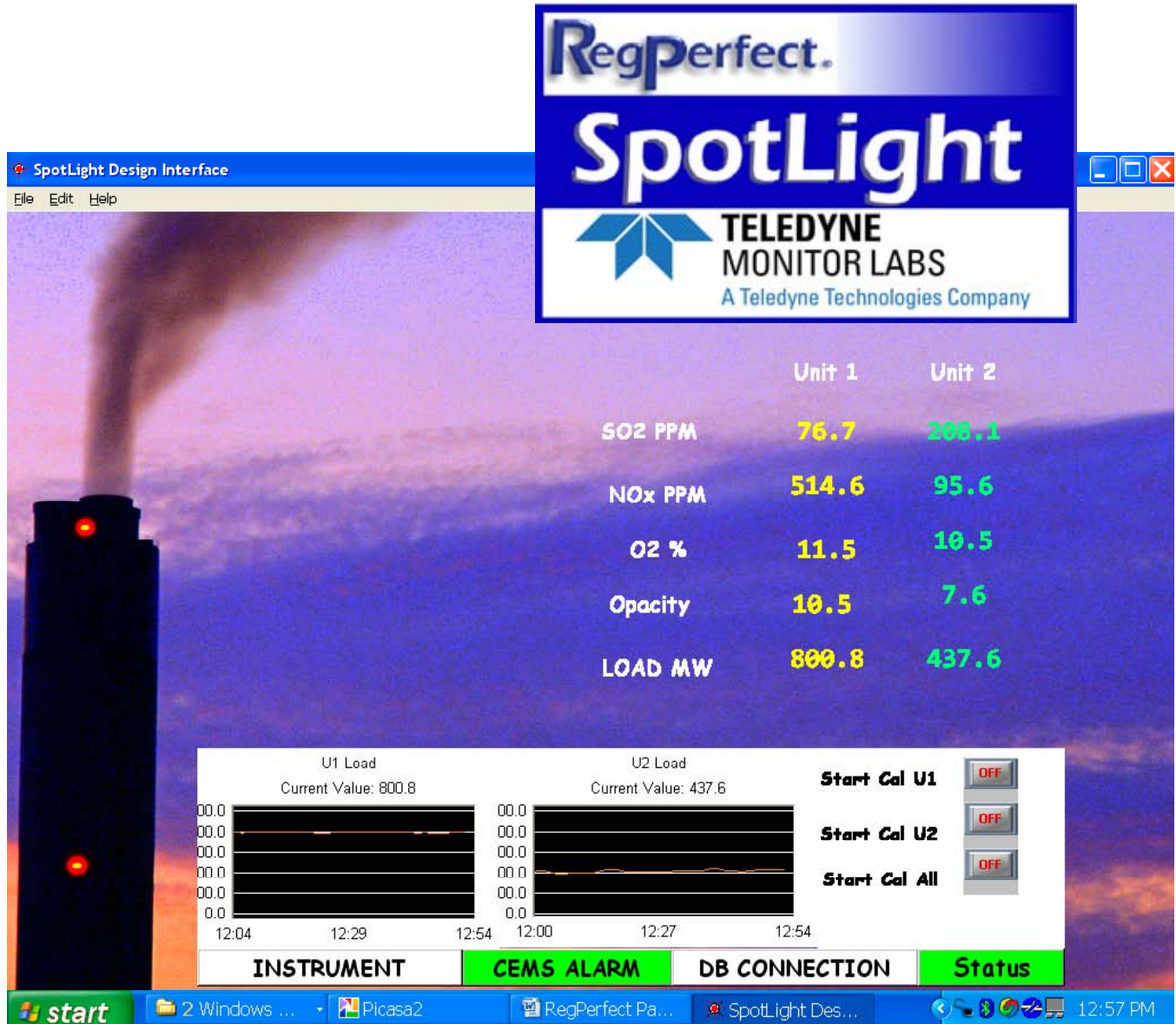
RegPerfect® Software

RegPerfect® applications can be initiated just like any other Windows application using the START menu or Desktop shortcuts.



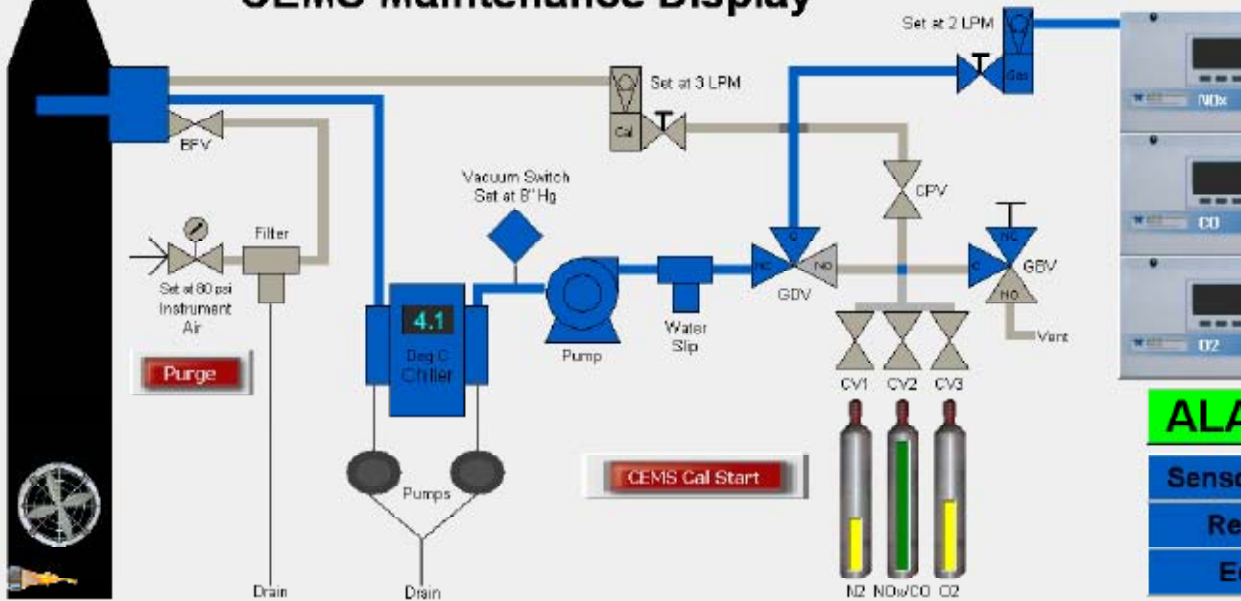
SpotLight

RegPerfect® Spotlight application allows users to design an unlimited number of graphical displays including Alarm, Trending, and Status information. Control functions, like initiating a calibration sequence, and Application short cuts can also be included.



SpotLight CEM Maintenance Display

Teledyne Power CEMS Maintenance Display



Alarms



**TELEDYNE
MONITOR LABS**

A Teledyne Technologies Company

Reason/Action

Advised at 06/20/05 14:27 by TML/yabitt

Reason/Action

Type	Category	Text
Reason	CEM Failure	Monitor equipment malfunctions
Action	CEM Failure	Troubleshooting for causes of failure

Hint: Select Reason Code first and then select (optional) Action Comment.
To delete a reason/action, select it by clicking the record selector at the leftmost of each row and click Delete from the Context menu or press the Delete key.

OK Cancel

Alarms (Included in Spotlight)

The Alarm program will display alarms based upon value or status:

- Value alarms based upon inequity or rate of change
- Status alarms based upon one or more status flags being set (logical expressions)
- Alarms can trigger a notification banner, digital output, an email plus all alarms are captured in the alarm log

egwsalt10 - Alarms

ACK BLOCK EDIT R/A REPORT DELETE REFRESH ALARM PROFILE

Start Time	End Time	Category	ACK Time	ACK By	Message
06/08/05 18:00	06/09/05 04:00	MissingData			U1_GasFlow_100scfh_1H Missing Data
06/09/05 20:00	06/10/05 07:00	MissingData			U1_GasFlow_100scfh_1H Missing Data
06/14/05 17:00	06/14/05 22:00	MissingData			U1_GasFlow_100scfh_1H Missing Data
06/02/05 09:00	06/02/05 09:00	MissingData			U1_GasFlow_100scfh_1H Missing Data
06/03/05 05:00	06/03/05 07:00	MissingData			U1_GasFlow_100scfh_1H Missing Data
06/03/05 09:00	06/03/05 10:00	MissingData			U1_GasFlow_100scfh_1H Missing Data
06/15/05 12:00	06/27/05 11:00	MissingData			U1_GasFlow_100scfh_1H Missing Data
06/16/05 00		Category			0scfh_1H Missing Data
06/16/05 01		Add New Action			0scfh_1H Missing Data
07/26/05 00		CEM Failure			0scfh_1H Missing Data
06/02/05 09		CEM Failure			ew Point Fault
06/02/05 09		CEM Failure			ew Point Fault
06/03/05 06		CEM Failure			ew Point Fault
06/03/05 06		CEM Failure			ew Point Fault
06/03/05 06		CEM Failure			ew Point Fault
06/03/05 07		CEM Failure			ew Point Fault
06/03/05 07		CEM Failure			ew Point Fault
06/03/05 07		CEM Failure			ew Point Fault
06/07/05 13		CEM Failure			ailed
06/07/05 14		CEM Failure			ailed
06/07/05 15		CEM Failure			ailed
06/08/05 06		CEM Failure			ailed
06/08/05 06		CEM Failure			ailed
06/08/05 06		CEM Failure			ailed
06/08/05 06		CEM Failure			ailed
06/08/05 06		CEM Failure			ailed
06/08/05 06		CEM Failure			ailed
06/08/05 06		CEM Failure			ailed
06/08/05 06		CEM Failure			ailed
06/08/05 07		CEM Failure			ailed

Alarm Profiles

Profile Name: Set Active Server Name: egwsalt10

Alarm Profiles control how alarms are presented on the Alarm form. You may have as many profiles as you wish, but only one may be "active" at a time. To create a new profile, enter a new profile name (above) and click the [Save As] button. To view/edit an existing profile, choose from the profile name drop-down list. To make the profile you are viewing the active profile, click the [Set Active] button (a checked box to the right of the profile name indicates the active profile).

Filters (control which Alarms are displayed)

Time Period and Site
 Alarms Within Last: (Quartzite)
 Monitoring Site:

Reason/Action Filter
 No filter R/A assigned None assigned

Alarm View Filter
 All Active Unacknowledged

Alarm Type and Category Filters
 Value Alarm:
 Status Alarm:
 System Alarm
 Custom Alarm

Alarm Priority Filter
 Alarm Warning Informational

Sort (control the order in which Alarms are listed)
 Sort By:
 Ascending Descending

Button Flash and Audible Notification
 Button flash look-back period: (Hours)
 Monitoring Site:
 Play Audible Notification...
 When new alarms occur (once each time new alarms are found)
 When unacknowledged alarms exist within look-back period (once per minute)
 Audible notification look-back period: (Minutes)
 Disable sound

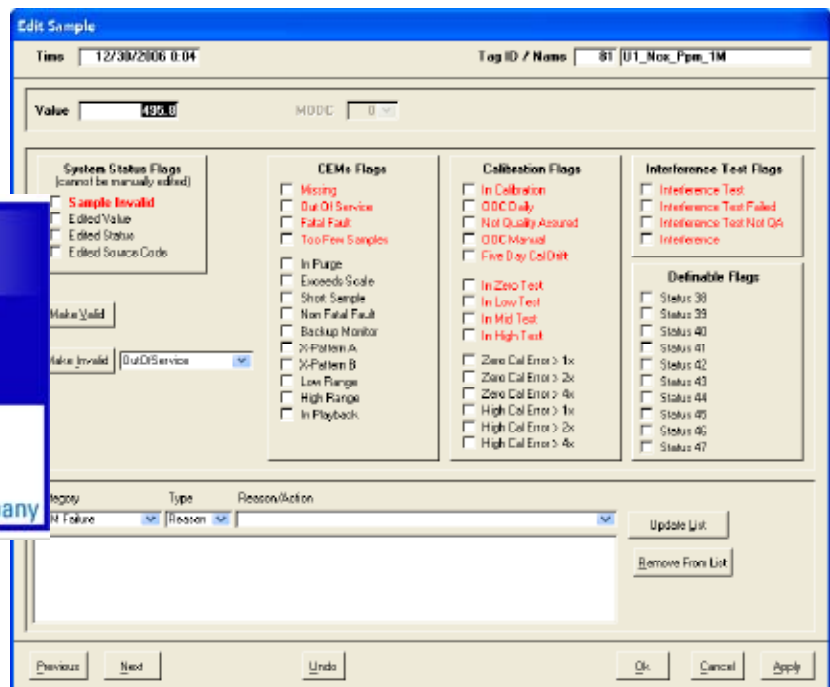
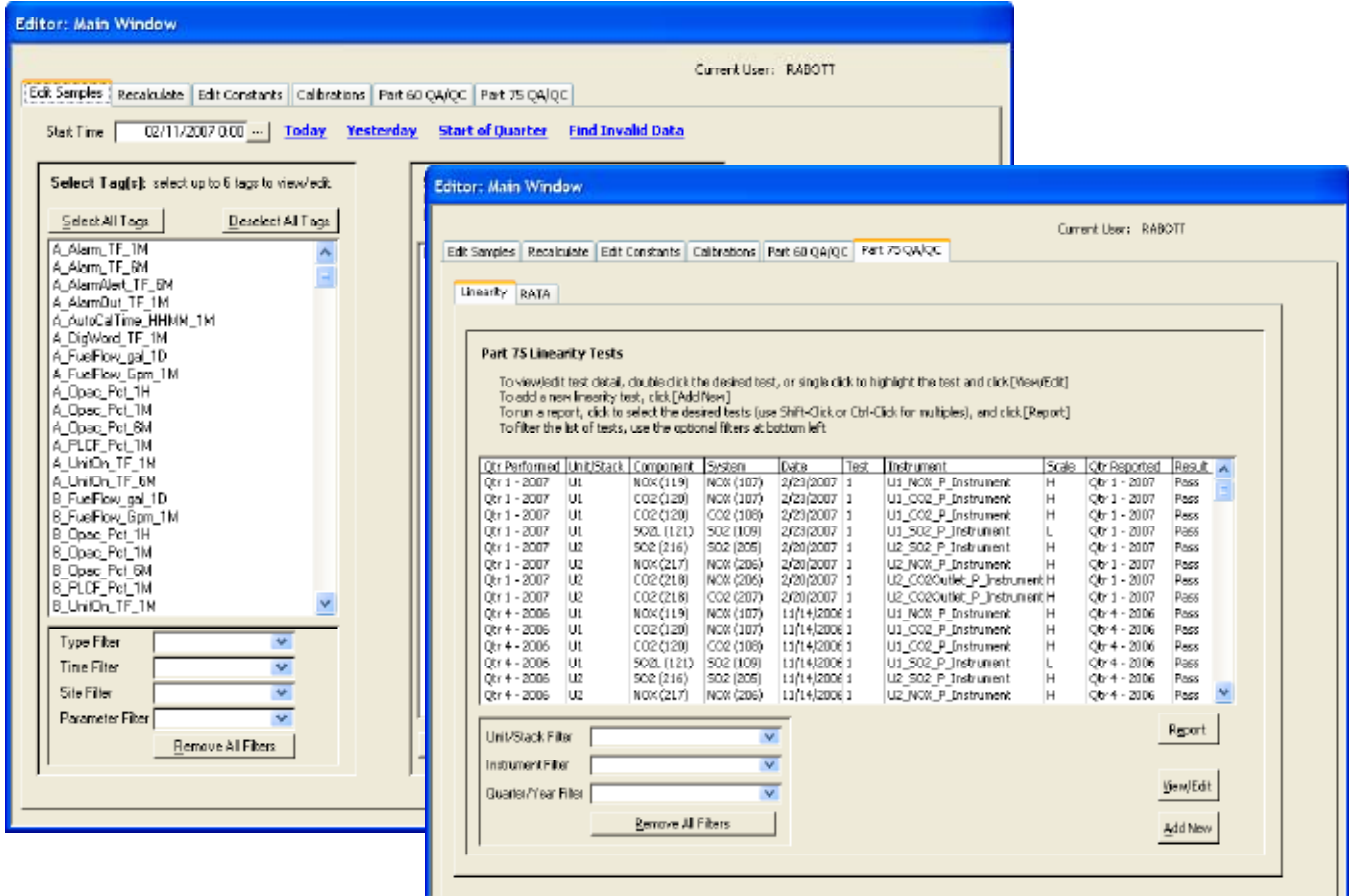
Buttons: [Delete] [Save As] [Set Active] [OK] [Cancel]

Hint: Select Reason To delete

the Context menu or press the Delete key.

Editor

This application allows users to either view or edit data depending upon their security level. Data can be filtered in many ways using easy to design queries. Data fields are easily identified. Block editing is available. Two views of data are available. You can choose to Edit Sample Data, Constants, Calibrations, or QA/QC Data.



Reports

This application allows the user to generate any of the supplied reports or design a custom report. Utilizing the power of SQL Reports, reports can be generated either on demand or automatically. Reports can be directed to any network printer or to an email address if the system is connected to a mail server. This Browser Based Application can be accessed through any Connected PC with a Browser.



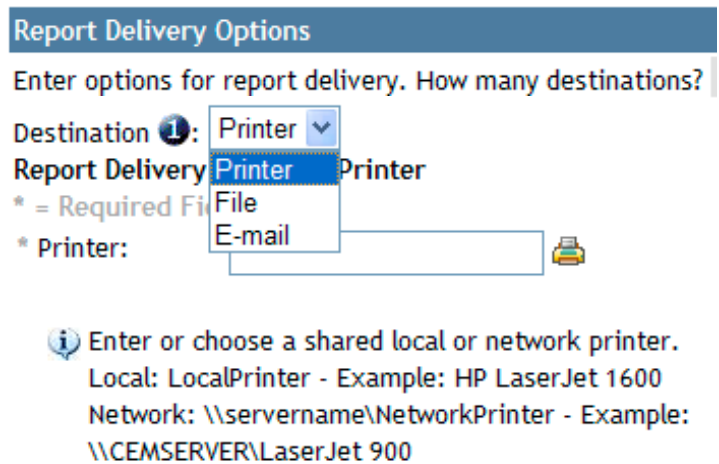
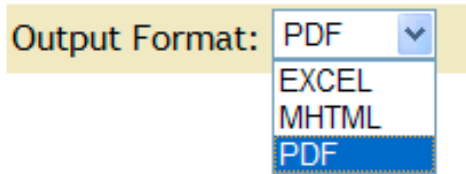
The screenshot shows two overlapping browser windows. The top window displays the "Reports" page, which includes a navigation menu with options like "Reports", "My Reports", "Create Reports", "Delete Reports", "Report Groups", and "Report Schedules". A table lists reports such as "U2_OpacityDailySummary" under "Unit 2". The bottom window shows the "Create Reports" page, which has a "Master Reports" section with a "Report Name" input field and "Back" and "Next" navigation buttons. Both windows show a header with the "Regperfect." logo, the date "Monday, February 12, 2007", and user information "Server: EGWSALT33 | User: RABOTT | Group: RP_ADMIN". A footer at the bottom of the application contains copyright information and contact details: "Copyright © 1998-2007 Teledyne Monitor Labs, Inc. All rights reserved. Call Center: (800) 846-6062 Sales: (203) 792-3300 http://www.regperfect.net regperfect@teledyne.com".

Standard Reports

A partial list of the standard reports follows. All reports necessary to meet your applicable regulatory requirements will be supplied. Users can also create or modify reports with the supplied SQL Server Reporting Services.

- Daily Calibration Results
- Daily CEMS Summary
- Daily Fuel Summary
- Daily Plant Summary
- Hourly summary
- Incident Reports
- Daily Opacity Summary
- Part 75 Summary
- Periodic Summary
- Quarterly Cumulative Emissions
- Compliance Summary
- Daily Alarm Report

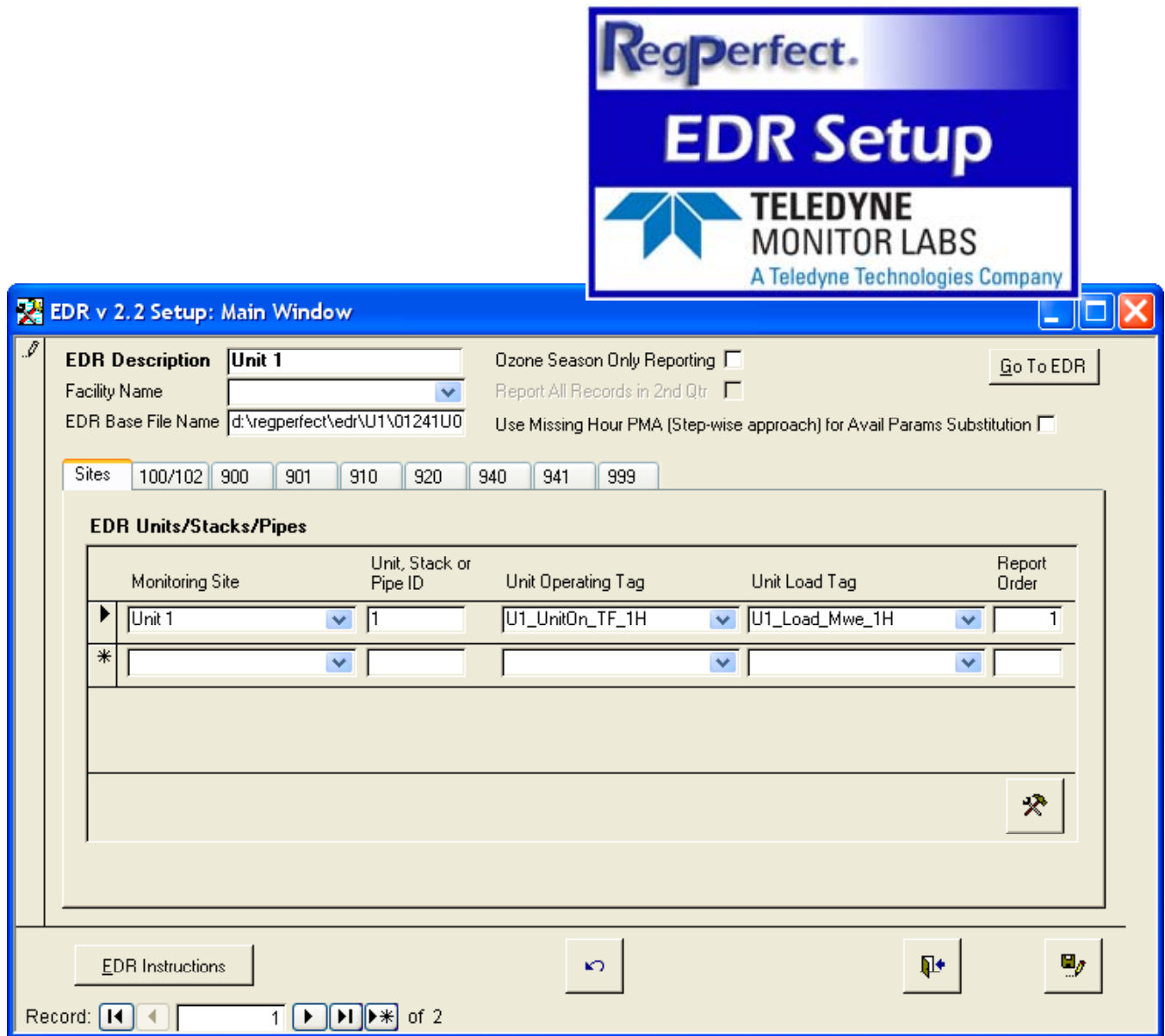
Reports may be exported into many common formats and locations.



EDR Setup

This application is used for entering data into the regulatory configuration tables of the **RegPerfect®** database in order to tailor **RegPerfect®** to the needs of a specific facility's EDR. This application, used mostly by Teledyne Monitor Labs Software personnel prior to the delivery of **RegPerfect®** to a customer, describes the EDR record types to be submitted and the contents of each of those record types.

Input of Linearity and RATA data can be done through this program.



EDR Setup – Continued

Load Analysis and Flow to Load Wizards take the work out of these calculations.

Load Analysis Wizard

Unit/Stack/Pipe ID

Step 1 of 2) Define the Load Range and Analysis Period and calculate Load Levels

Load Analysis Parameters

Load Range	Analysis Period
Minimum Safe <input type="text"/>	Start Date <input type="text" value="10/01/2005 0:00"/>
Maximum <input type="text"/>	End Date <input type="text" value="01/18/2007 14:51"/>

Load Levels

Low Load Level : \geq and \leq (\geq 0% and \leq 30% of operating range)
Mid Load Level : $>$ and \leq ($>$ 30% and \leq 60% of operating range)
High Load Level: $>$ and \leq ($>$ 60% and \leq 100% of operating range)

EDR Site (Unit/Stack/Pipe)

Unit/Stack/Pipe ID EDR Description

600 | 601/2 | 603 | **605/6** | 610-16 | 617 | 621 | 623 | 624 | 627 | 628 | 629/630 | 650 - 653 | 695 | 696

Record Types 605/606: Flow-to-Load Ratio Test or Gross Heat Rate Evaluation

Enabled Report in Qtr, Year

RT 605 RT 606

Unit/Stack/Pipe ID <input type="text" value="1"/>	Average Reference Method Flow Rate <input type="text" value="127504111.1"/>
Flow Monitoring System ID <input type="text" value="150"/>	Reference Flow-to-Load Ratio <input type="text" value="1.59"/>
Reference RATA Date <input type="text" value="7/12/2006 22:45"/>	Average Hourly Heat Input Rate <input type="text"/>
Test Number <input type="text" value="1"/>	Reference Gross Heat Rate (GHR) Value <input type="text"/>
Average Load <input type="text" value="804"/>	
Operating Level <input type="text" value="H"/>	

Record: of 26 (Filtered)

EDR Generator

This application allows the user to review and generate an EDR.

Select report interval:

The screenshot shows the 'EDR Description' field set to 'Unit 1' and a 'Go To EDR' button. Below this are four tabs: 'Run EDR', 'Review Data', 'QA/QC Records', and 'Sample Query'. The 'Submission Interval' section has three radio buttons: 'Complete Quarter' (with 'Quarter' and 'Year' dropdowns), 'Data Review Interval', and 'Custom' (which is selected). Below the radio buttons are 'Start Time' and 'End Time' fields, both set to dates in 2007. At the bottom, the 'EDR Path/File Name' field contains the path 'd:\regperfect\edr\U1\01241U01.075'.



Review Data – Using the supplied ‘Wizard’ to walk you through the steps.

The screenshot shows the 'EDR Generator' window with the 'Review Data' tab selected. The 'Facility Name' is 'LA CYGNE STATION' and the 'Data Lock Date' is '12/16/2006 0:00'. The 'EDR Description' is 'Unit 1'. The 'Review Period' is set from '01/01/2007 0:00' to '01/31/2007 23:59'. A text box instructs the user to 'Click to select the desired Unit/Stack/Pipe, then use the buttons to review its data:'. Below this is a table with two columns: 'Unit/Stack/Pipe' and 'Data Review Procedure'. The 'Unit/Stack/Pipe' column contains the number '1'. The 'Data Review Procedure' column contains four steps: 'Step 1: Process Data', 'Step 2: Calibrations', 'Step 3: Emissions Data', and 'Step 4: Lock Data', each with a brief description. At the bottom, there is a 'Record' field showing '1 of 2' and navigation buttons.

Unit/Stack/Pipe	Data Review Procedure
1	Step 1: Process Data Find and fix invalid or incorrect process samples (load, unit operating, operating time)
	Step 2: Calibrations Review calibration results and re-evaluate calibrations and grace periods if needed
	Step 3: Emissions Data Review emissions data and recalculate if necessary
	Step 4: Lock Data Protect "finished" data from accidental modifications (edits, recalculations)

Search for Specific Data

The screenshot shows the 'EDR Generator' application window. At the top, the 'Facility Name' is 'LA CYGNE STATION' and the 'Data Lock Date' is '12/16/2006 0:00'. Below this, the 'EDR Description' is 'Unit 1'. A 'Go To EDR' button is visible. A tabbed interface shows 'Sample Query' as the active tab. The main area contains a SQL query editor with the following text:

```
SELECT * FROM A_VwSampleStatus
WHERE TagName = [ ] AND Time BETWEEN [ ] AND [ ]
 AND [SampleInvalid] = [ ]
 AND Time IN (SELECT Time FROM A_VwSampleStatus WHERE TagName = [ ]
AND SampleInvalid = 0 AND Value = [ ])
ORDER BY Time
```

An 'Execute Query' button is located below the query editor. At the bottom of the window, there is a record navigation bar showing 'Record: 1 of 2' and navigation icons.

Lock the Data

This close-up screenshot shows the 'Data Lock Date' field, which is set to '12/16/2006 0:00'. A 'Change Lock Date' button is located to the right of the date field. Below the date field, the text 'To EDR' is partially visible.

EDR Import

This application allows for the import of EDR Data into the **RegPerfect®** system. It also allows for the import of RATA (Relative Accuracy Test Data) to be imported into the database (if provided by the stack tester in EDR format).

Sample Reports

Daily Operations Report for Unit 2



From: 01/01/2007 00:00 **To:** 07/28/2007 23:59 **Facility Name:** Teledyne Power
Generated: 07/29/2007 11:20 **Location:** Englewood CO 80112
Unit 2

	07/28/07	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
U2 : Avail CO2 (PMA)	99.3	99.6	99.6	99.5	99.3	99.4	99.3	99.3						99.4
U2 : Avail Flow (PMA)	100.0	99.8	99.8	99.8	99.8	99.8	99.9	100.0						99.8
U2 : Avail NOx (PMA)	99.1	99.5	99.5	99.4	99.2	99.2	99.2	99.1						99.3
U2 : Avail SO2 (PMA)	99.2	99.4	99.4	99.3	99.1	99.2	99.2	99.2						99.3
U2 : CO2Dil (pct)	12.3	11.1	0.2	5.2	10.2	10.8	11.3	11.9						10.8
U2 : NOx (Ppm)	176.8	152.8	0.0	70.8	143.4	162.2	176.6	182.1						160.1
U2 : NOx (LbPerMBtu)	0.308	0.292	0.000	0.195	0.295	0.320	0.329	0.326						0.309
U2 : NOx (LbPerHr)	2151.9	1778.7	0.0	732.6	1716.8	1949.1	2118.2	2221.3						1915.2
U2 : SO2 (Ppm)	248.3	283.2	0.0	96.1	234.1	238.2	233.1	266.4						242.1
U2 : SO2 (LbPerMBtu)	0.602	0.765	0.000	0.412	0.672	0.659	0.606	0.666						0.656
U2 : SO2 (LbPerHr)	4185.8	4510.2	0.0	1414.5	3873.4	3944.3	3865.3	4508.3						3995.4
U2 : SO2 (Lb)	99158.8	2170640.2	0.0	232613.5	2596376.7	2932961.3	2709569.9	3019045.5						13661207.1
U2 : StackFlow (scfh)	101640000	94154000	4870000	68602000	97613000	99442000	98118000	101103000						96713000
U2 : HI (MBtuPerHr)	6970.7	5911.6	135.3	2719.8	5653.4	6012.7	6294.8	6735.9						5952.8
U2 : Load (Mwe)	694	375	0	60	591	665	637	681						431
U2 : OperatingTime (Hr)	23.72	479.67	0.00	164.95	669.32	744.00	698.37	668.29						3424.60



Monthly Summary By Day Report for Unit 2

From: 10/01/2007 00:00 **To:** 10/31/2007 23:59 **Facility Name:** Teledyne Power
Generated: 07/29/2008 11:06 **Location:** Englewood CO 80112

Red = Invalid data Green = Edited Status Blue = Edited Value

Date/Time	Unit 2 CO2D11, Pct 1 Hour(S)	Unit 2 NOx, Ppm 1 Hour(S)	Unit 2 NOx, LbPerMbtu 1 Hour(S)	Unit 2 SO2, LbPerMbtu 1 Hour(S)	Unit 2 SO2, Lb 1 Hour(S)	Unit 2 Load, Mwe 1 Hour(S)	Unit 2 HI, MBtuPerHr 1 Hour(S)
10/01/2007	32.2	352.3	0.269	0.756	123,303.7	700	6,790.9
10/02/2007	32.3	358.9	0.278	0.734	122,810.8	717	6,971.6
10/03/2007	32.4	355.1	0.270	0.686	114,693.6	713	6,968.5
10/04/2007	32.2	350.9	0.265	0.731	121,088.6	709	6,927.0
10/05/2007	32.2	349.7	0.264	0.702	116,289.9	706	6,898.1
10/06/2007	32.3	352.4	0.267	0.729	122,613.3	713	7,005.8
10/07/2007	32.3	351.0	0.283	0.748	126,346.2	717	7,034.9
10/08/2007	32.3	356.8	0.278	0.672	113,465.0	717	7,039.5
10/09/2007	32.2	358.1	0.278	0.699	118,355.0	717	7,052.1
10/10/2007	32.3	356.0	0.250	0.631	108,524.2	717	7,169.8
10/11/2007	32.2	370.4	0.316	0.631	108,807.7	717	7,482.5
10/12/2007	32.2	381.7	0.320	0.598	102,325.0	716	7,133.3
10/13/2007	32.2	382.0	0.320	0.573	98,424.7	717	7,163.4
10/14/2007	32.1	378.6	0.317	0.647	109,903.4	710	7,077.8
10/15/2007	31.9	394.2	0.334	0.674	110,603.0	691	6,839.8
10/16/2007	31.9	370.6	0.307	0.645	107,953.6	703	6,982.1
10/17/2007	32.0	366.0	0.297	0.603	100,731.4	704	6,955.6
10/18/2007	31.9	357.8	0.284	0.746	123,984.2	700	6,925.8
10/19/2007	32.0	369.3	0.303	0.652	110,283.7	717	7,048.1
10/20/2007	32.1	367.3	0.268	0.640	108,514.8	717	7,064.6
10/21/2007	32.0	364.2	0.265	0.706	119,732.7	714	7,067.1
10/22/2007	31.9	378.0	0.322	0.722	124,220.2	716	7,067.2
10/23/2007	31.9	370.8	0.310	0.729	121,783.7	705	6,956.7
10/24/2007	31.8	368.4	0.266	0.766	129,072.9	708	7,017.0
10/25/2007	31.9	371.9	0.310	0.695	118,114.3	714	7,084.1
10/26/2007	31.3	355.9	0.256	0.690	106,570.1	645	6,430.7
10/27/2007	31.4	362.6	0.268	0.733	112,212.2	658	6,558.3
10/28/2007	31.8	365.1	0.300	0.708	119,255.8	708	7,017.8
10/29/2007	31.8	373.0	0.314	0.693	117,373.6	715	7,052.4
10/30/2007	31.9	375.3	0.317	0.642	108,007.8	715	7,008.6
10/31/2007	31.8	373.3	0.252	0.734	123,937.7	716	7,037.0

Average/Sum*	Minimum	Maximum
32.0	31.3	32.4
167.0	149.7	193.3
0.259	0.264	0.352
0.687	0.573	0.766
3,569,919.6 *	98,424.7	129,072.9
708	645	717
6,985.3	6,430.7	7,187.5



EDS/CMS Summary Report for Unit 2 Opacity

From: 11/01/2007 00:00 **To:** 11/30/2007 23:59 **Facility Name:** Teledyne Power
Generated: 07/29/2008 11:04 **Location:** Englewood CO 80112
Description: 750 Mwe Coal Facility

CMS Data from: U2_Opac_Pct_6M
EDS Data from: U2_Opac_Pct_6M
Emission Limitation: 20
Exclusion Value: 27.4
Monitor Manufacturer and Model No.: TELEDYNE MONITOR LABS INC LIGHTHAWK 560
Date of Latest CMS Certification or Audit: 01/01/2006 00:00
Operating time for EDS: 43,200.00 Minute(s)
Operating time for CMS: 43,200.00 Minute(s)

Emission Data Summary

1. Duration of excess emission in reporting period due to:
 - a. Startup/Shutdown 18
 - b. Control Equipment Problems 12
 - c. Process Problems 0
 - d. Other Known Causes 0
 - e. Unknown Causes 30
2. Upset Conditions 0
3. Total Duration (Excess Emission - Exclusions - Upset Conditions) 36
4. Time in violation as a percentage of operating time 0.08
5. Time in compliance as percentage of operating time 99.92

CMS Performance Summary

1. CMS downtime in reporting period due to:
 - a. Monitor Equipment Malfunction 0
 - b. Non-Monitor Equipment Malfunction 0
 - c. Quality Assurance Calibration 96
 - d. Other Known Causes 0
 - e. Unknown Causes 138
2. Total CMS Downtime 234
3. Total Downtime as a percentage of operating time 0.54
4. Total Availability as a percentage of operating time 99.46

Excess Emission Report for Unit 2 Opacity



From: 11/01/2007 00:00 To: 11/30/2007 23:59 Facility Name: Teledyne Power
Generated: 07/29/2008 10:58 Location: Englewood CO 80112

Tag Name: U2_Opac_Pct_6M Exclusions Allowed 1 Per Hour
Total Operating Time: 43,200.00 Minute(s) Exclusion Value: 27.4

Inc No	Start Time	End Time	Duration in Minute(s)	Tag Value	Limit Or Constant Value	#EX	Reason Code	Action Code
1	11/02/07 03:00	11/02/07 03:05	6	28.9	20.0		2 - Process Problems	21 - Drop Load
2	11/11/07 18:00	11/11/07 18:05	6	27.2	20.0	YES	2 - Process Problems	21 - Drop Load
3	11/16/07 19:00	11/16/07 19:05	6	20.2	20.0	YES	1 - Startup	18 - -----
4	11/16/07 19:06	11/16/07 19:11	6	38.3	20.0		1 - Startup	18 - -----
5	11/22/07 15:54	11/22/07 15:59	6	20.2	20.0	YES	1 - Startup	18 - -----
6	11/30/07 23:18	11/30/07 23:23	6	35.7	20.0			
7	11/30/07 23:24	11/30/07 23:29	6	35.0	20.0			
8	11/30/07 23:30	11/30/07 23:35	6	51.8	20.0			
9	11/30/07 23:36	11/30/07 23:41	6	57.0	20.0			
10	11/30/07 23:42	11/30/07 23:47	6	22.0	20.0	YES		

Total Operating Time: 43,200.00 Minute(s)
 Total Duration: 60.00 Minute(s)
 Total Adjusted Duration (Excess Emission - Exclusions): 36.00 Minute(s)
 Time in violation as a percentage of operating time: 0.08 %
 Time in compliance as a percentage of operating time: 99.92 %
 Exclusions: 24.00 Minute(s)

Report Code	Type	Text	Duration	Duration Percent
1	Reason	Startup	18	30.00
2	Reason	Process Problems	12	20.00
18	Action	-----	18	30.00
21	Action	Drop Load	12	20.00



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