

NIC 07.37 Rev.01

December 29, 2010

Technical Updates Web Portal

Abstract

The purpose of this Service Bulletin is to inform Customers of the availability of the GE Oil & Gas Technical Updates Web Portal, and to provide instructions for registration and use of the Portal's key features.

Reason for Revision

The Technical Updates Web Portal has been modified to include the changes due to the introduction of the new Compliance Categories and Timing Codes for GE Oil and Gas Service Bulletins (see NIC 10.12.SL)

Serviceable Units

All units serviced by GE Oil & Gas.

Compliance Category O – Optional	Identifies changes that may be beneficial to some, but not necessarily all, operators. Accomplishment is at customer's discretion.
M - Maintenance	Identifies maintenance guidelines or best practices for reliable equipment operation.
C - Compliance Required	Identifies the need for action to correct a condition that, if left uncorrected, may result in reduced equipment reliability or efficiency. Compliance may be required within a specific operating time.
A - Alert	Failure to comply with the Service Bulletin could result in equipment or facility damage. Compliance is mandated within a specific operating time.
S – Safety	Failure to comply with this Service Bulletin could result in personal injury. Compliance is mandated within a specific operating time.

Timing Code

1 Prior to Unit Startup / Prior to Continued Operation (forced outage condition)

2 At First Opportunity (next shutdown)

- **3** Prior to Operation of Affected System
- 4 At First Exposure of Component
- 5 At Scheduled Component Part Repair or Replacement
- 6 Next Scheduled Outage
- 7 Optional

Nuovo Pignone S.p.A. Proprietary Information

The information published in this Service Bulletin is offered to you by GE in consideration of its ongoing sales and service relationship with your organization. However, since the operation of your plant involves many factors not within our knowledge, and since operation of the plant is in your control and ultimate responsibility for its continuing successful operation rests with you, GE specifically disclaims any responsibility for liability based on claims for damage of any type, i.e. direct, consequential or special that may be alleged to have been incurred as result of applying this information regardless of whether it is claimed that GE is strictly liable, in breach of contract, in breach of warranty, negligent, or is in other respects responsible for any alleged injury or damage sustained by your organization as a result of applying this information. The information contained in this Service Bulletin is confidential and proprietary. This Bulletin and the information contained in it are protected by copyright and/or other intellectual property rights. This Bulletin and information are provided for authorized use only, and may not be used by or disclosed to others without the prior express written consent of Nuovo Pignone S.p.A.



NIC 07.37 Rev.01

December 29, 2010

Background

GE Oil & Gas is committed to continuously invest in technology to improve customer service. As part of this commitment, we have launched a new initiative to provide customers with instant access to technical documentation via Web.

This new application, called Technical Updates Web Portal, is available on the GE Oil & Gas Internet site http://www.geoilandgas.com/businesses/ge_oilandgas/en/about/technical_bulletins.htm

Technical Updates Portal is an on line repository of all Technical Bulletins published by GE Oil & Gas. From this portal Customer can search and download documentation on latest technologies and technical upgrades applicable to their fleet.

Key features are:

- Easy and secure access to applicable Technical Bulletins
- Search of applicable Bulletins by serial number, technology or subject
- Document download
- Additional info on implementation status

In addition, during the registration process customer can choose as an option to receive an email notification for every new technical publication applicable to their fleet.

Recommendations

Registration to Technical Updates Web Portal is strongly recommended since it is a good opportunity for GE Oil & Gas Customers to receive useful information about fleet issues or product upgrades and to improve reliability and availability of their fleet.

Please follow the new instructions outlined in the attached presentations to register and obtain access to the portal:

- CUSTOMER REGISTRATION PROCESS, for SSO ID assignment and registration (See Appendix #1).
- END USER'S MANUAL, for instructions on portal functionality (see Appendix #2)

2



NIC 07.37 Rev.01

December 29, 2010

• BULLETIN COMPLIANCE INFO, for access to Implementation Status and Bulletin Planning (see Appendix #3)

Planning Information *Compliance*

Compliance Category: (C) Timing Code: (2)

Manpower skills

N/A

Parts N/A

Special Tooling

N/A

Reference Documents

NIC 10.12.SL "Redefinition of Compliance Categories and Timing Codes for GE Oil & Gas Service Bulletins"

This Service Bulletin supersedes the Service Letter NIC 05.12.SL dated 14 April 2005 and NIC 05.30.SL dated 05 October 2005.

Scope of work

N/A

Note: In order to keep the GE Oil & Gas global installed fleet database updated, it is kindly requested that the COMPLIANCE RECORD and USER SATISFACTION SURVEY be completed and sent to the addresses specified in the forms.

3



NIC 07.37 Rev.01

December 29, 2010

Contacts

For units under warranty or covered under a Contractual Service Agreement (CSA) please refer to your GE Oil & Gas Project Manager.

For technical questions or application and commercial requests please contact:

GE Oil & Gas

Customer Service Center

Via Felice Matteucci, 2 50127 Florence, Italy

e-Mail: <u>customer.service.center@ge.com</u>

Web: http://www.geoilandgas.com/businesses/ge_oilandgas/en/prod_serv/serv/cust_serv.htm

Phone: +39 055 427 2500 Fax: +39 055 423 2800

Please specify the **Unit Serial Number** and **Service Bulletin** associated with the request and whether the request is **technical** or **commercial**.

To directly access and download GE Oil & Gas Service Bulletins published on your fleet or to subscribe to our Service Bulletin e-mail notification service, please visit the Technical Updates Portal:

http://www.geoilandgas.com/businesses/ge_oilandgas/en/about/technical_bulletins.htm

This online tool is available only to registered GE customers. Please refer to **NIC 07.37.SL** for any additional information.

Expense Policy

The recommendations contained in this Service Bulletin are for information only. Unless otherwise indicated in a Contractual Service Agreement (**CSA**) in force between the parties, all costs associated with implementation of the recommendations are the Customer's responsibility.

Warranty issues will be handled as per the terms of the contract.

4



NIC 07.37 Rev.01

December 29, 2010

Appendix #1: CUSTOMER REGISTRATION PROCESS

5

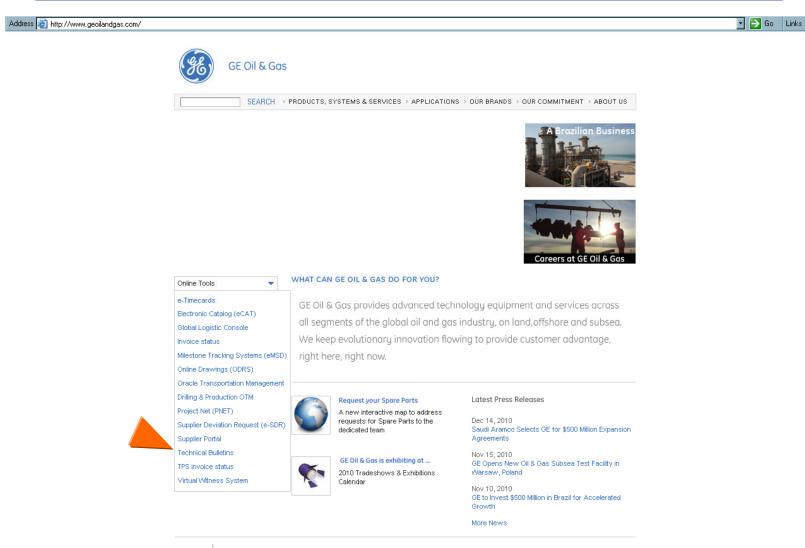
Technical Updates Portal

Customer Registration Process

http://www.geoilandgas.com



Go to URL: http://www.geoilandgas.com select "Technical Bulletins"





Home | Products | Systems | Services | Applications | Our Brands | Our Commitment | About Us | Site Map

GE Corporate Home | Investor Information | Privacy Policy | Terms of Use | @ General Electric Company 1997-2010



Technical Updates Portal

Step a- Create a SSO

Customer GE SSO Registration Process www.geoilandgas.com



Click on Register to create a new SSO account





Search

SEARCH > PRODUCTS, SYSTEMS & SERVICES > APPLICATIONS > OUR BRANDS > OUR COMMITMENT > ABOUT US

Technical Updates Portal

* Home

* About Us

Press Center

Company Information

Careers



Find all Technical Communications for Your Equipment!

The Technical Updates Portal is an on line repository of all Technical Bulletins published by GE Oil & Gas.

From this portal you can search and download documentation on latest technologies and technical upgrades applicable to your fleet.



- Login to request access to this online tool only for registered users
- Register to ask for a GE Single Sign-On (SSO) account
- » My Profile to update your Company and Personal profile (only for registered users)

If you are a first time user you need to register and Fill in the Registration Form specifying your Unit Serial Number or Sites Names.

Note: This online tool is available only to GE registered customers. Please contact Oil & Gas Team for any additional information. Please download Service Letter NIC 07.37 (2.0MB PDF) for any additional information



GE Oil & Gas Home | Products | Systems | Services | Applications | Our Brands | Our Commitment | About Us | Site Map GE Corporate Home | Investor Information | Privacy Policy | Terms of Use

Copyright General Electric Company 1997-2010



From the SSO registration Page click on Next and Accept the T&C



Registration

Welcome to GE Energy Systems Online Registration

What do I get?

Registered customers may request access to our innovative on-line applications, all accessible with a single user ID and password.

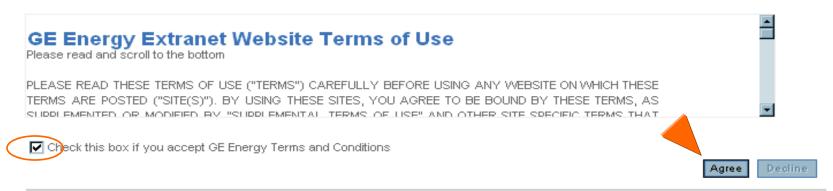
How do I register?

Check the "Checkbox" at the bottom of this page and click "Accept" You will be asked a series of questions about yourself and your company.

How do I access applications?

After you have entered general registration information, you will be asked to select the applications to which you would like to request access. You may be asked additional questions pertaining to a particular application to help us evaluate your request.

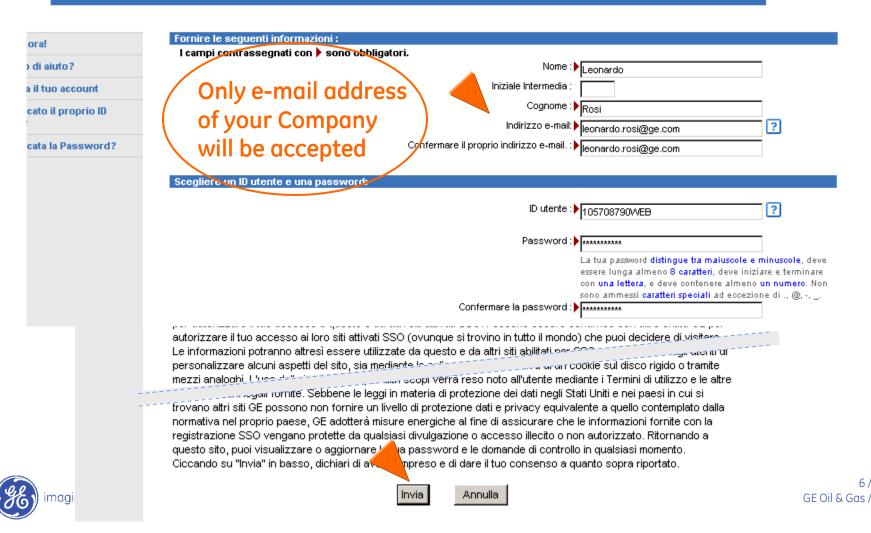
Please read and accept GE Energy Terms & Conditions for our website. By registering and using GE Energy Customer Portal you agree to be bound by these terms and conditions, as supplemented or modified by supplemental terms and conditions posted on this site.





Fill in the Registration Form and click on Send

Registration Single Sign On Applicazione Registrazione SSO



A Confirmation of Registration process is given and an e-mail with relevant data is sent

Registration



Single Sign On

Iscriviti ora!
 Bisogno di aiuto?
 Modifica il tuo account
 Sincronizzare la propria password
 Dimenticato il proprio ID Utente?
 Dimenticata la Password?

Single Sign On (SSO) registration was created successfully.

You will receive e-mail confirmation of the status of your access right.

Continua.

Converget General Flectric Company 2000-2007



Search Your Company Name



imagination at work

Terms of Use 🔘 General Electric Company 1997 - 2001 All Rights Reserved

Select Your Company Name





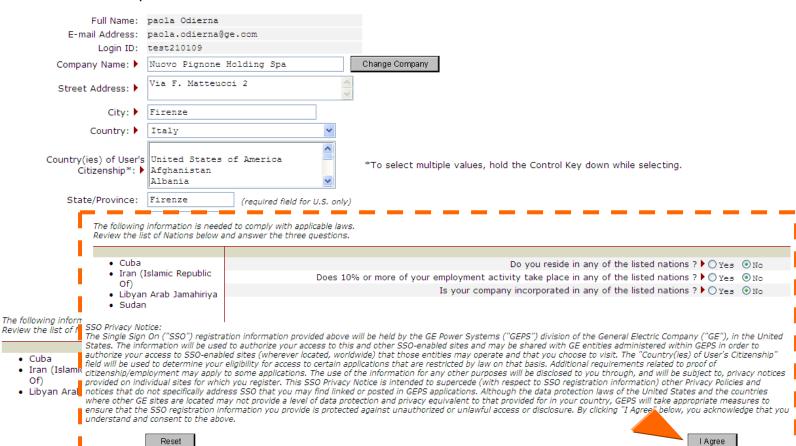
Fill your Personal Profile, then click on "I Agree"



Registration

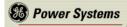


Fields marked with > are required.





Do not Select any Application Access, Scroll down the page And go on "Next"



Registration



Important: Some applications require additional processing to grant access. If the application(s) you need access to appear on this page, you must select them. This will ensure that necessary information is provided and the appropriate administrators are notified of your need.

 Selection will prompt you to answer additional, application-specific questions. Aeroderivative Remote Monitoring and Diagnostics (ACCESSIBLE TO CURRENTLY MONITORED LM SERIES GAS TURBINE CUSTOMERS AND GE AERO SERVICE AND SUPPORT PERSONNEL ONLY) ■ BA Performance Estimators - for Licensed Business Associates only CWD - Contingent Worker Database Call Out Services - Gas and Steam Turbine owners can request a GE technical resource and plan a service call on-line with the instant quote calculator Design Guide and Handbooks (If you don't have an SSO number you must be pre-approved by a GE contact/sponsor) EHS Energy Products Configurator * ProjectNet Collaboration - The tool through which all phases of a project can be executed -- from plant conception, through development, sale, design, construction, commissioning, and operation Risk Meeting Reports Thermal Performance Customer Witness Display * Turbine Performance Estimators ■ Wind-Developers CD Content eAPSSSupplier eCAT - Electronic Catalogue for Spare Parts and Services (Oil & Gas only) eCustomer Service (for GEPS Customers Only) - Registered users of PartsEdge, Outage Optimizer and Call Out Services are automatically granted access to this application and need not request access. eCustomer Service - Warranty Claims (for GE Energy Customers Only) eRFQ - Request for Quotation (Oil&Gas only) eSupplier Deviation Request

imagination at work

Next

Your Registration process has been Completed!

Registration



Your registration has been completed.

Return

If you have requested access to any applications, you should normally receive notification on the status of your access request within three business days*. Until then, feel free to browse the non-secure areas of genower.com!

New applications are being added to the GE Power Systems site on an on-going basis. Please use Update GE Profile to request access to new applications or to update any of your information.

* Access to some applications may require additional authorization time.

Terms of Use 🔘 General Electric Company 1997 - 2001 All Rights Reserved



?

You will receive a Confirmation of Registration process and an e-mail with relevant data





Thank you for registering for Single Sign On (SSO) -- a Company wide security and navigation initiative.

Your SSO account below -- User ID, Password, and Challenge Responses -- has been created.

First Name/Last Name: Paola Odierna Odierna

SSO ID: TEST260209

Email Address: paola.odierna@ge.com Date/Time: Thu Feb 26 06:30:01 EST 2009

If you have requested access to a specific GE business application, you may receive email confirmation of your request and the status of your access rights.

If you received this message in error, please contact your local Help Desk.

Note: The information will be used to authorize your access to this and other SSO-enabled sites and may be shared with other GE entities to authorize your access to SSO-enabled sites (wherever located, worldwide) that they may operate and that you choose to visit.

As this is a system-generated message from an unmonitored sending box, please do not reply to this message.



Technical Updates Portal

Step b- Registration Form

Customer GE SSO Registration Process www.geoilandgas.com



Go back To the Technical Updates welcome page and click on Registration Form





Search

SEARCH > PRODUCTS, SYSTEMS & SERVICES > APPLICATIONS > OUR BRANDS > OUR COMMITMENT > ABOUT US

Technical Updates Portal

* Home About Us Press Center Company Information Careers



Find all Technical Communications for Your Equipment!

The Technical Updates Portal is an on line repository of all Technical Bulletins published by GE Oil & Gas.

From this portal you can search and download documentation on latest technologies and technical upgrades applicable to your fleet.

- > Login to request access to this online tool only for registered users
- Register to ask for a GE Single Sign-On (SSO) account
- My Profile to update your Company and Personal profile y for registered users).

If you are a first time user you need to register and Fill in the Registration Form specifying your Unit Serial Number or Sites Names.

Note: This online tool is available only to GE registered customers. Please contact Oil & Gas Team for any additional information. Please download Service Letter NIC 07.37 (2.0MB PDF) for any additional information

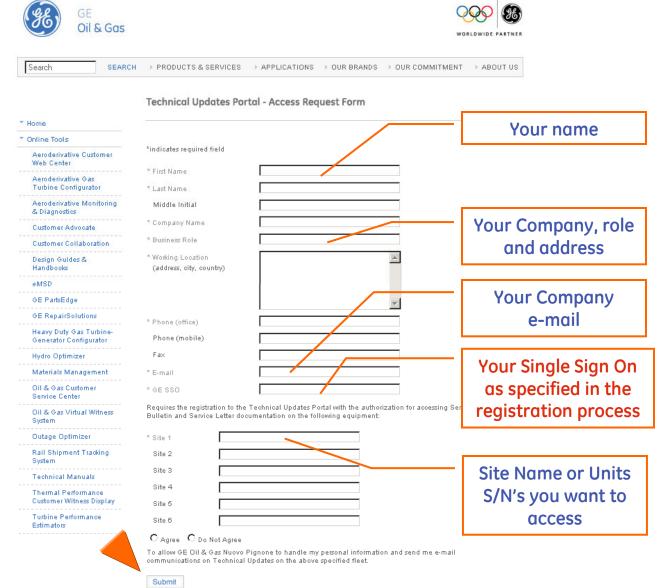


GE Oil & Gas Home | Products | Systems | Services | Applications | Our Brands | Our Commitment | About Us | Site Map GE Corporate Home | Investor Information | Privacy Policy | Terms of Use

Copyright General Electric Company 1997-2010



Fill in the Registration Form with key information and Click on Submit





You'll receive an e-mail by the TEUP Administration once your access is completed



... 3-5 business days ...

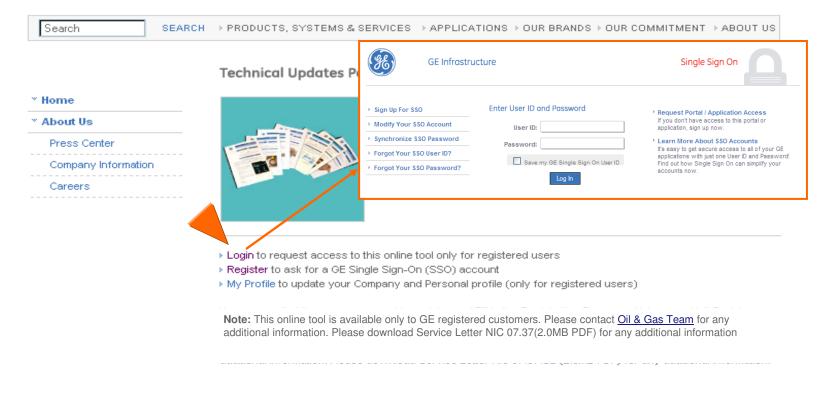
oilandgas.technicalupdates@ge.com

Login to Technical Updates Portal...



GE Oil & Gas







GE Oil & Gas Home | Products | Systems | Services | Applications | Our Brands | Our Commitment | About Us | Site Map

GE Corporate Home | Investor Information | Privacy Policy | Terms of Use

Copyright General Electric Company 1997-2010



NIC 07.37 Rev.01

December 29, 2010

Appendix #2: END USER'S MANUAL

6

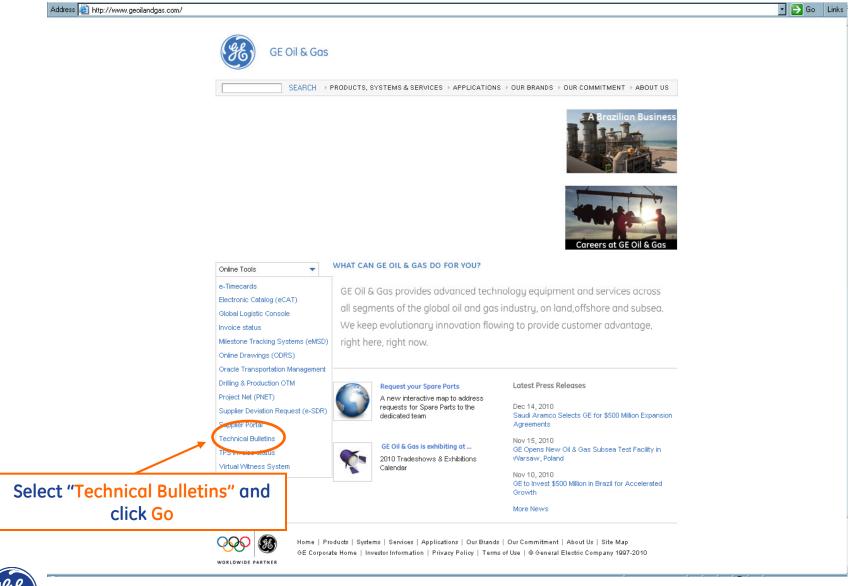
Technical Updates Portal

End User's Manual

http://www.geoilandgas.com



GE Oil & Gas Home Page



Login Screen





Search

SEARCH > PRODUCTS, SYSTEMS & SERVICES > APPLICATIONS > OUR BRANDS > OUR COMMITMENT > ABOUT US

Technical Updates Portal



Click here to login **Technical Updates Portal**



Find all Technical Communications for Your Equipment!

The Technical Updates Portal is an on line repository of all Technical Bulletins published by GE Oil & Gas.

From this portal you can search and download documentation on latest technologies and technical upgrades applicable to your fleet.

- Login to request access to this online tool only for registered users
- » Register to ask for a GE Single Sign-On (SSO) account
- > My Profile to update your Company and Personal profile (only for registered users)

If you are a first time user you need to register and Fill in the Registration Form specifying your Unit Serial Number or Sites Names.

Note: This online tool is available only to GE registered customers. Please contact Oil & Gas Team for any additional information. Please download Service Letter NIC 07.37 (2.0MB PDF) for any additional information

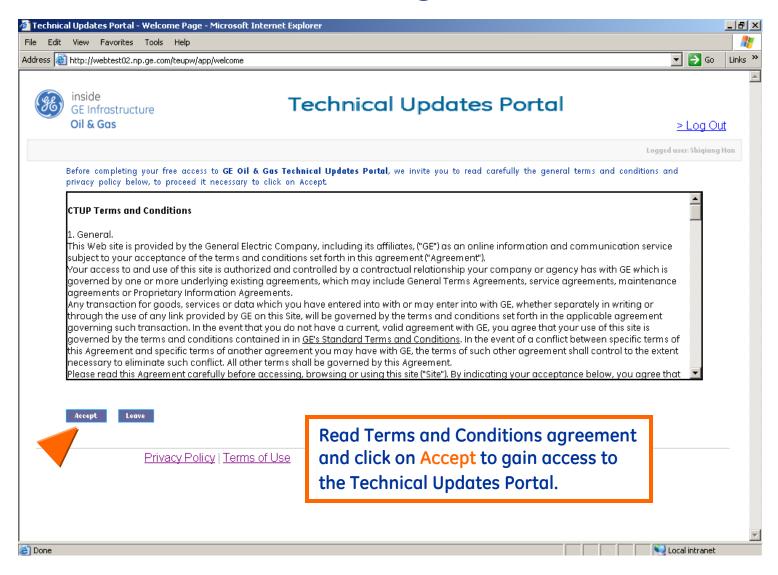


GE Oil & Gas Home | Products | Systems | Services | Applications | Our Brands | Our Commitment | About Us | Site Map GE Corporate Home | Investor Information | Privacy Policy | Terms of Use

Copyright General Electric Company 1997-2010

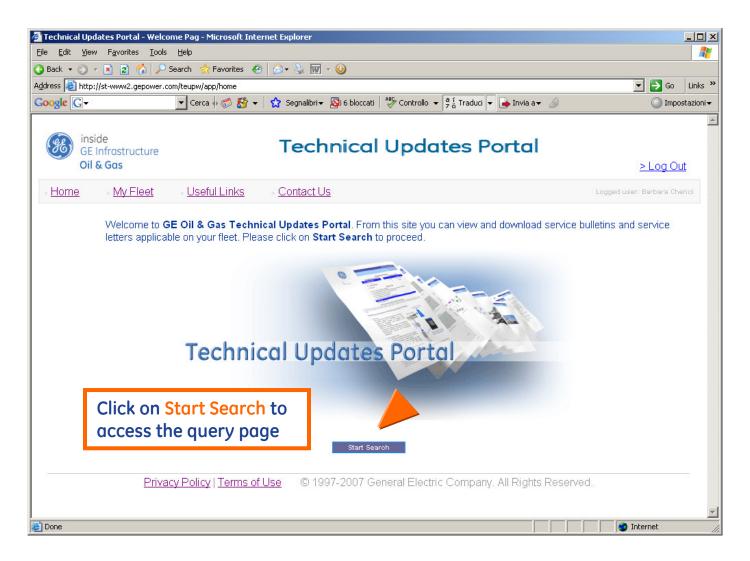


Terms and Conditions Page



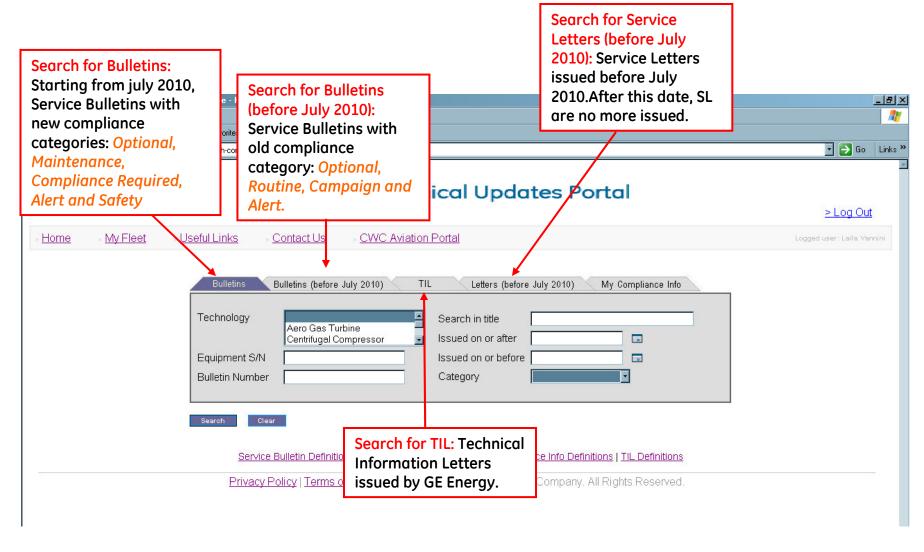


Welcome page





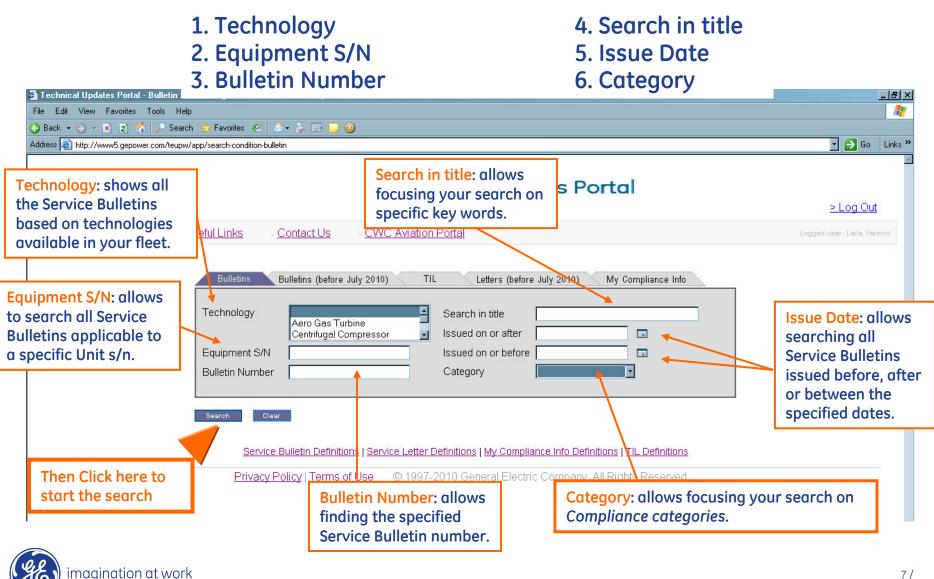
Query Page Description



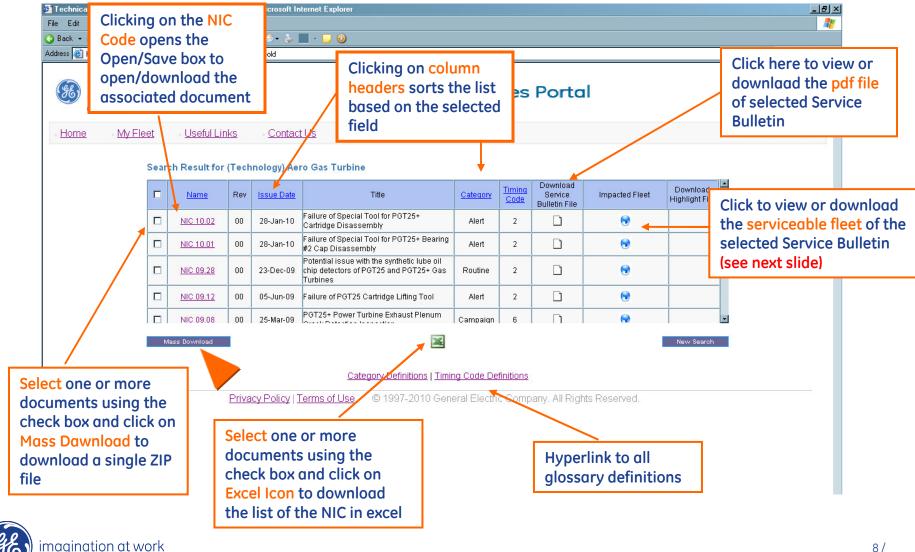


Query Page (The same for any kind of document)

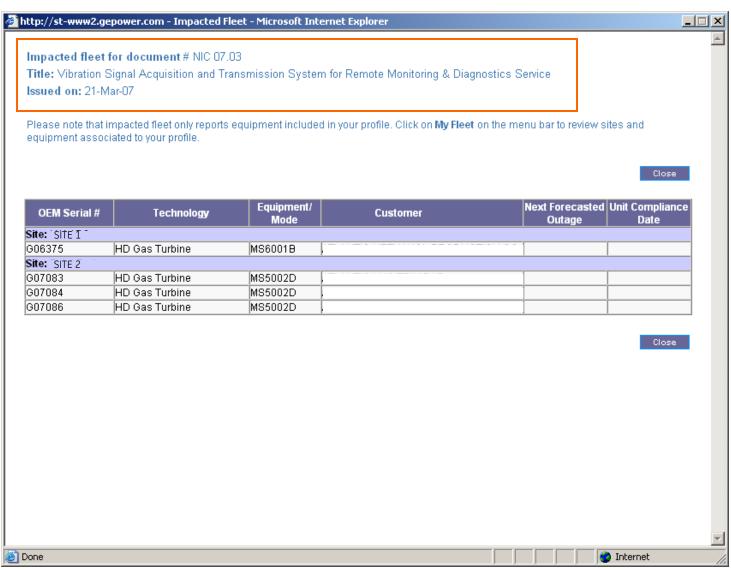
You can query by:



Example of Result Page

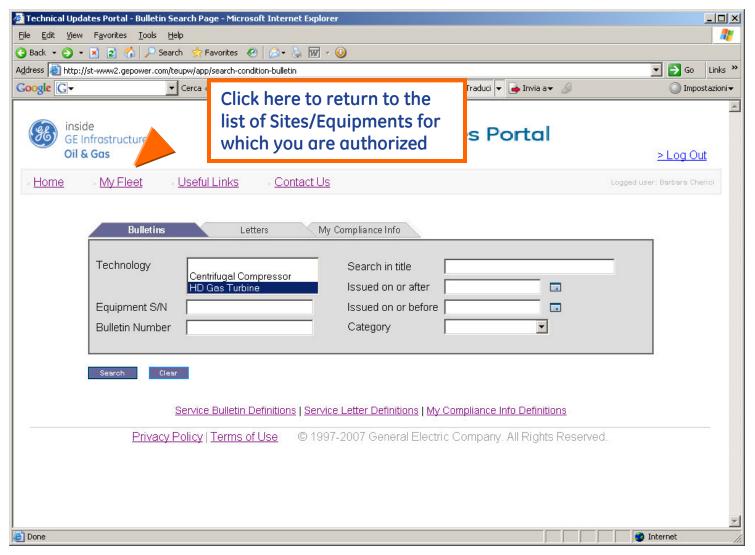


Example of Serviceable Fleet



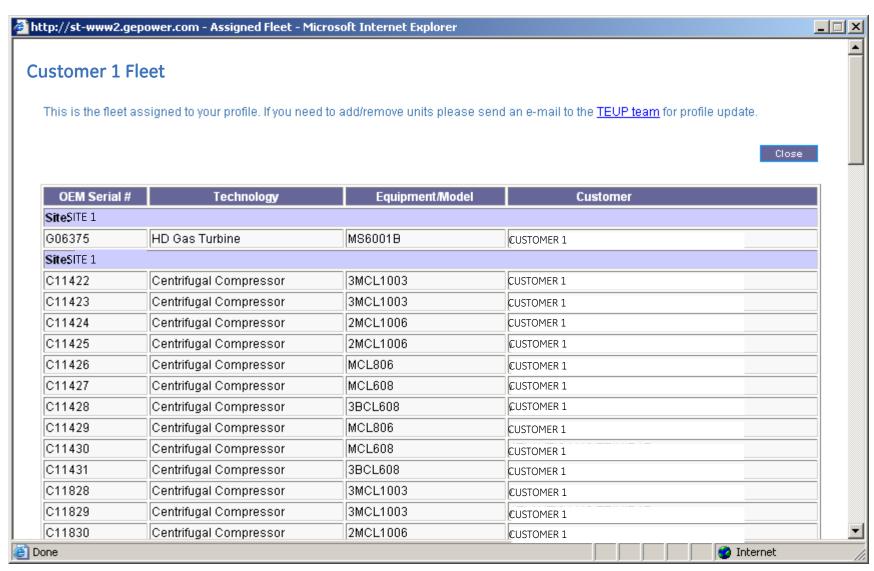


Viewing "My Fleet"





Example of assigned Fleet





TEUP Contact info:

e-Mail: oilandgas.technicalupdates@ge.com

Phone: (+39) 055 423.9889 Fax: (+39) 055 423.2800





NIC 07.37 Rev.01

December 29, 2010

Appendix #3: BULLETIN COMPLIANCE INFO

7

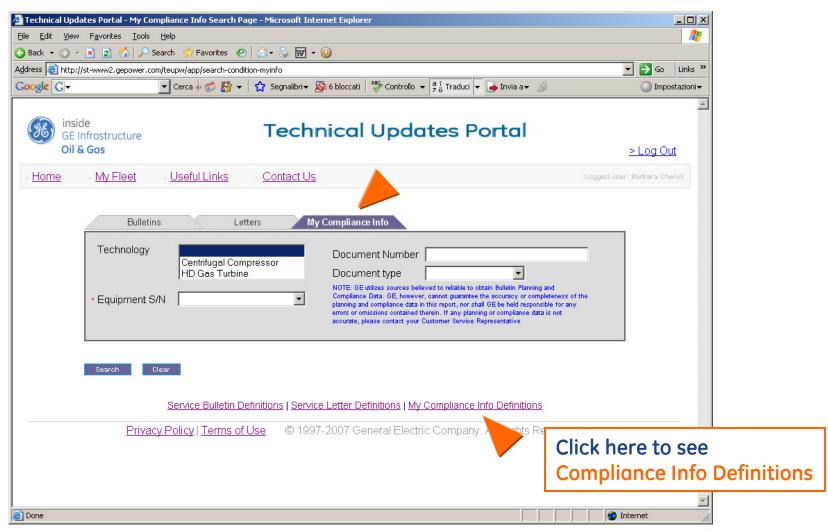
Technical Updates Portal

Bulletin Compliance Info

http://www.geoilandgas.com



Query Page





Compliance Info Definitions

Unit Compliance Date Definitions

UNIT COMPLIANCE DATE Identifies the actual Service Bulletin execution date, based on

customer Compliance Feedback Form

NEXT FORECASTED OUTAGE Identifies the best opportunity to implement Service Bulletin

recommendation based on the information available on GE Oil&Gas

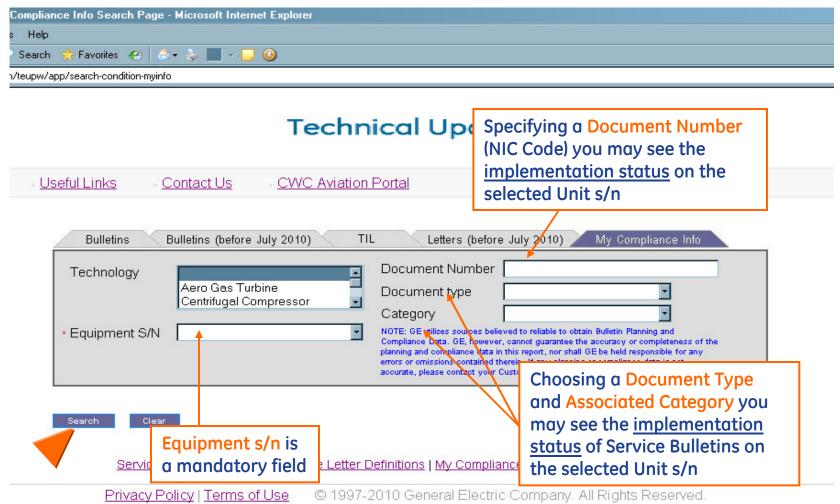
databases

Note

GE utilizes sources believed to reliable to obtain next forecasted outage and unit compliance date. GE, however, cannot guarantee the accuracy or completeness of outage and unit compliance data in this report, nor shall GE be held responsible for any errors or omissions contained therein. If any planning or compliance data is not accurate, please contact your Customer Service Representative

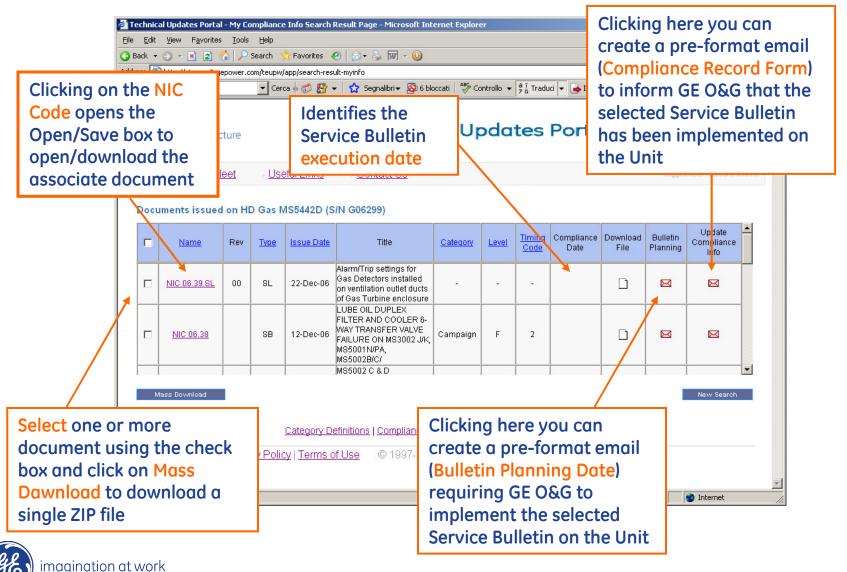


My Compliance Info Query Page





Example of Compliance Info Result Page



Bulletin Planning pre-format mail

Selected Service
Bulletin (filled
automatically)

BULLETIN PLANNING FORM

Technical Updates Team,

we would like to inform you about our intention to implement the recommendations stated inside the Service Bulletin:

Document: NIC 07.27

Title: Upgrade from the <I> MS DOS to the HMI Windows operator interface

Issue Date: 21-Sep-07 Category: Optional

on the following machine:

Unit S/N: XXXXX
Technology: HD Gas
Site Name: SITE 1
Model: MS5002

Selected Unit s/n (filled automatically)

Based on the information on the estimated delivery time of Service Bulletin, we identified as best opportunity following date (dd/mm/yy):

General Comments:

Best Regards

Note: UNIT COMPLIANCE DATE identifies the actual Service Bulletin execution date, based on customer Compliance Form Feedback



Fill in the field with

your estimated

execution date

Compliance Info pre-format mail

COMPLIANCE INFO FORM **Selected Service** Technical Updates Team, **Bulletin** (filled with this communication we would like to notify the occurred implementation of the automatically) Service Bulletin Document: NIC 07.27 Upgrade from the <I> MS DOS to the HMI Windows operator interface Title: Issue Date: 21-Sep-07 Fill in the field with Category: Optional the real execution on the following machine: date Unit S/N: XXXXX Technology: HD Gas Site Name: SITE 1 Model: MS5002 The execution date of this Service Bulletin is Selected Unit s/n In order to maintain update your internal unit database, please find latest operating (filled automatically) data of the machine: Running Hours: Starts: Fill in the fields with Trips Numbers: unit latest operating data **General Comments:** Best Regards Note: UNIT COMPLIANCE DATE identifies the actual Service Bulletin execution date, based on magination at work customer Compliance Form Feedback



TEUP Contact info:

e-Mail: oilandgas.technicalupdates@ge.com

Phone: (+39) 055 423.9889

Fax: (+39) 055 423.2800





Technical Updates Communication

COMPLIANCE RECORD

SERVICE BULLETIN COMPLIANCE RECORD

Unit Contact Information Serial Number: Operating Hours: No. of Starts:						
					Service Bulletin Applied:	
		Category:				
Service Bulletin Completion Date:						
f No , please state what v	100% of Service	Bulletin Completed: □YES □NO				
	100% of Service	Bulletin Completed: □YES □NO				
If No , please state what v	100% of Service	Bulletin Completed: □YES □NO				

NOTE: The Unit Compliance Record can also be transmitted automatically by email from the "My Compliance Info" section of the Technical Updates Web Portal at:

http://www.geoilandgas.com/businesses/ge_oilandgas/en/about/technical_bulletins.htm



Technical Updates Communication

USER SATISFACTION SURVEY

GE requests that you complete this User Satisfaction Survey to help us better serve you with accurate and timely information on your equipment

USER SATISFACTION SURVEY

Service Bulletin Number:		Date:						
1. How many days after the Service Bulletin issue date did you receive this document?								
1 - 5 days	1 - 5 days		6 - 10 days					
NOTE: To directly access and download GE Oil & Gas Service Bulletins published on your equipment and to subscribe to automatic e-mail notification, please visit the Technical Updates Web Portal at: http://www.geoilandgas.com/businesses/ge_oilandgas/en/about/technical_bulletins.htm								
This online tool is available only to registered GE customers. Please refer to NIC 07.37.SL for any additional information.								
Please rate the following based on a scale of 1 to 5, where ${f 1}$ is Excellent and ${f 5}$ is Poor.								
2. How well this document informed you of the technical issue(s)								
1	2	3	4	5				
3. The overall effectiveness of this Service Bulletin								
	2	3	4	5				
Comments or Suggestions:								
Please complete and Fax this form to: GE OIL & GAS Technical Update Communication TES/TECH/TEUP Department – Mr. Franco Sciacchitano - Fax: +39 055 423.2800								

e-mail: oilandgas.technicalupdates@ge.com