

NEW

2016 New & Upgraded Information

IHS Standards Service

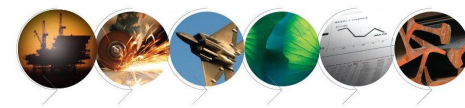
Global provider of critical technical information

IHS



키티스産學研情報(株)

KITIS Info. & Co., Ltd.



OVERVIEW

IHS Standards Service 소개

IHS IntraSource : Behind the Firewall

**IHS Standards Expert (FAQs / Tip) :
Online Standards Management Solution**

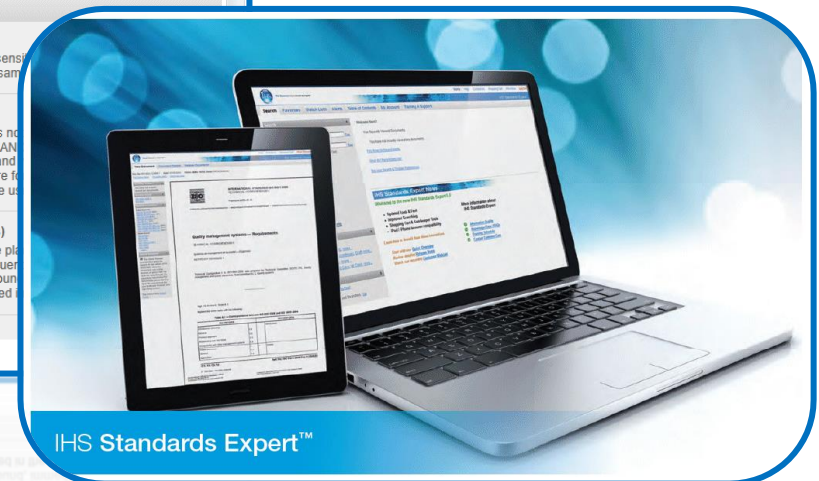
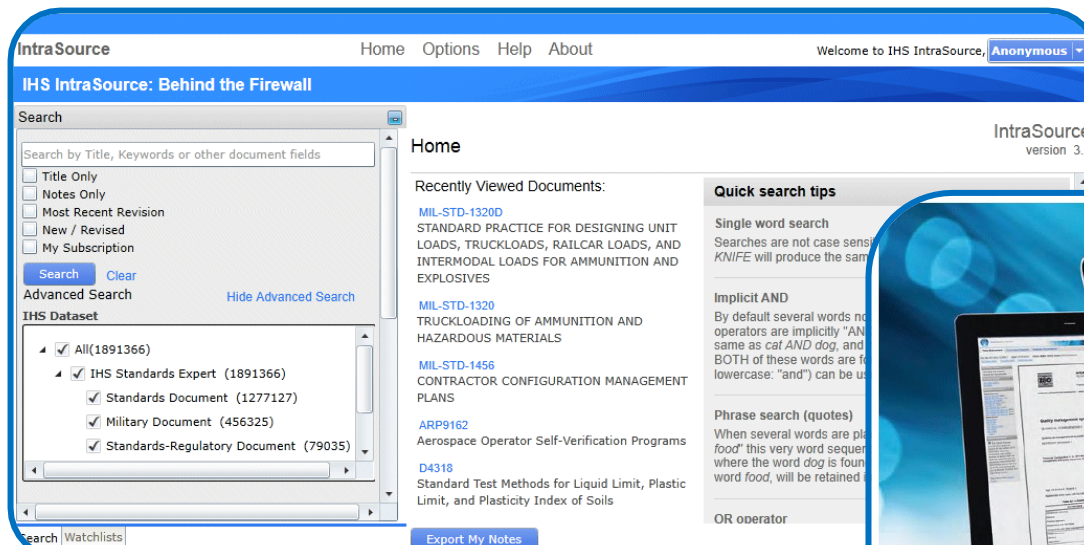
*Is your design team using
conflicting or outdated standards?*

*Do you need a
centralized, updated library?*



The Answer ...

IHS Standards Service





Why IHS ?

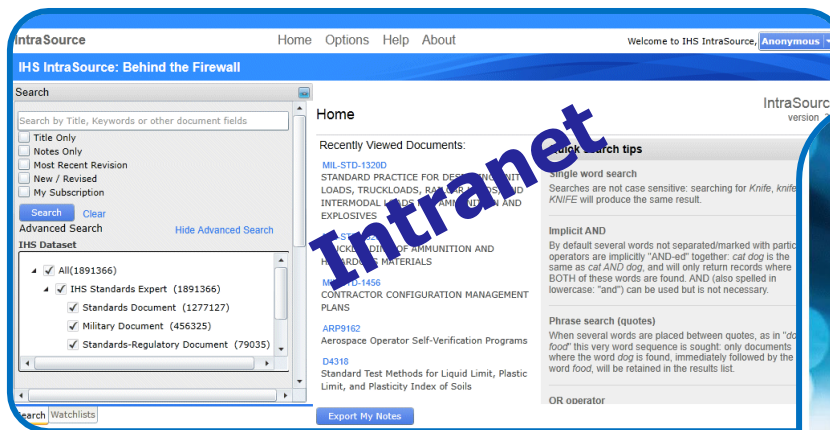
IHS 는 지난 50여 년이 넘는 기간 동안 전세계 고객들의 보다 생산적이고 성공적인 프로젝트 수행을 위하여 최고 수준의 규격관련 제품 및 서비스를 제공하기 위해 헌신해 오고 있습니다.

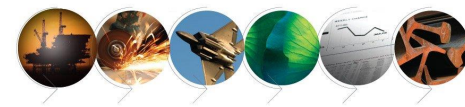
- ❖ Customer satisfaction
- ❖ Copyright protection and education
- ❖ Revision controls
- ❖ Currency and accuracy



IHS Standards Service

IHS는 전세계 국가 및 미국방관련 규격을 포함한 370여 개의 규격제정기관 (SDO : Standards Developing Organizations)들의 규격정보들을 **보다 빠르고 정확하게 고객이 원하는 방법**을 통해 제공합니다.





Contents

Industry Standards

ASTM, IEC, IEEE, ASME, SAE ...

&

FED Docs, DoD/Military

Spec/Standards

Intranet

Solutions

IHS IntraSource

&

IHS Standards Expert

Internet



Authorized Dealer in Korea



IntraSource Home Options Help About Welcome to IHS IntraSource, Anonymous

IHS IntraSource: Behind the Firewall

Search

Search by Title, Keywords or other document fields

☐ Title Only
☐ Notes Only
☐ Most Recent Revision
☐ New / Revised
☐ My Subscription

Search Clear

Advanced Search [Hide Advanced Search](#)

IHS Dataset

- ☒ All(1891366)
 - ☒ IHS Standards Expert (1891366)
 - ☒ Standards Document (1277127)
 - ☒ Military Document (456325)
 - ☒ Standards-Regulatory Document (79035)

Search Watchlists

Home

Recently Viewed Documents:

[MIL-STD-1320D](#)
STANDARD PRACTICE FOR DESIGNING UNIT LOADS, TRUCKLOADS, RAILCAR LOADS, AND INTERMODAL LOADS FOR AMMUNITION AND EXPLOSIVES

[MIL-STD-1320](#)
TRUCKLOADING OF AMMUNITION AND HAZARDOUS MATERIALS

[MIL-STD-1456](#)
CONTRACTOR CONFIGURATION MANAGEMENT PLANS

[ARP9162](#)
Aerospace Operator Self-Verification Programs

[D4318](#)
Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils

Export My Notes

IntraSource

version 3.3

Quick search tips

Single word search
Searches are not case sensitive: searching for *Knife*, *knife*, *KNIFE* will produce the same result.

Implicit AND
By default several words not separated/linked with particular operators are implicitly "AND-ed" together: *cat dog* is the same as *cat AND dog*, and will only return records where BOTH of these words are found. AND (also spelled in lowercase: "and") can be used but is not necessary.

Phrase search (quotes)
When several words are placed between quotes, as in "*dog food*" this very word sequence is sought: only documents where the word *dog* is found, immediately followed by the word *food*, will be retained in the results list.

OR operator

IHS IntraSource : Behind the firewall



▶ IHS IntraSource Solution (INTRANET)

- ▶ 고객의 방화벽(Firewall)내부 Intranet 환경에 규격검색 서비스 구축
 - ▶ 인터넷 보안 및 네트워크 관련 보안문제로 인한 인터넷 접속이 불가능한 기관에 적합
-
- ▶ 기관 방화벽내 자체 서버에 100% WEB Application 설치/운영
 - ▶ 편리한 WEB기반 검색 Interface 지원, (웹브라우저를 통한 접속)
 - ▶ 매월 DVD Index 및 Image Data DVD를 통한 업데이트
→ Monthly Update, All PDF documents
 - ▶ 관리자 계정 접속을 통한 이용자 접속통계 정보 직접 관리



IHS IntraSource Home Options Help About Welcome to IHS IntraSource, Anonymous

IHS IntraSource: Behind the Firewall

Search

Search by Title, Keywords or other document fields

- ☐ Title Only
- ☐ Notes Only
- ☐ Most Recent Revision
- ☐ New / Revised
- ☐ My Subscription

[Search](#) [Clear](#)

[Advanced Search](#) [Hide Advanced Search](#)

IHS Dataset

- ☒ All(1891366)
- ☒ IHS Standards Expert (1891366)
 - ☒ Standards Document (1277127)
 - ☒ Military Document (456325)
 - ☒ Standards-Regulatory Document (79035)

[Watchlists](#) [Export My Notes](#)

Home

Recently Viewed Documents:

- [MIL-STD-1320D](#)
STANDARD PRACTICE FOR DESIGNING UNIT LOADS, TRUCKLOADS, RAILCAR LOADS, AND INTERMODAL LOADS FOR AMMUNITION AND EXPLOSIVES
- [MIL-STD-1320](#)
TRUCKLOADING OF AMMUNITION AND HAZARDOUS MATERIALS
- [MIL-STD-1316](#)
CONTRACTOR CONFIGURATION MANAGEMENT PLANS
- [ARP9162](#)
Aerospace Operator Self-Verification Process
- [D4318](#)
Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils

[Recent Revision](#) [New / Revised](#) [Subscription](#) [Search](#) [Clear](#) [Advanced Search](#) [Hide Advanced Search](#)

IHS Dataset

- ☒ All(1891366)
- ☒ IHS Standards Expert (1891366)
 - ☒ Standards Document (1277127)
 - ☒ Military Document (456325)
 - ☒ Standards-Regulatory Document (79035)

[Document Number](#)

[Organization](#)

[Status](#)

[Document Type](#)

[Code](#)

[Date](#)

[Hits](#)

Search Filter



Search Result

| Select Columns | | Default Layout | | Results | | | Watch | Export | Expon |
|----------------|--------------|----------------|----------------------|----------------------|--|------------------|-------|--------|-------|
| | Organization | Status | View | Doc. No. | Title | Publication Date | | | |
| 1 | ASTM | Active | View | D1857/D1857M RUSSIAN | STANDARD TEST METHOD FOR FUSIBILITY OF COAL AND COKE ASH | 07/01/2004 | | | |
| 2 | ASTM | Active | View | D4634 REV A | Standard Classification System and Basis for Specification for Styrene-Maleic Anhydride Molding and Extrusion Materials (S/MA) | 09/01/2011 | | | |
| 3 | ASTM | Active | View | B30 REV A | Standard Specification for Copper Alloys in Ingot Form | 09/01/2014 | | | |
| 4 | ASTM | Active | View | C602 REV A | Standard Specification for Agricultural Liming Materials | 12/01/2013 | | | |
| 5 | ASTM | Active | View | D7619 REV B | Standard Test Method for Sizing and Counting Particles in Light and Middle Distillate Fuels, by Automatic Particle Counter | 06/01/2012 | | | |
| 6 | ASTM | Active | View | B372 REV A | Standard Specification for Seamless Copper and Copper-Alloy Rectangular Waveguide Tube | 10/01/2012 | | | |
| 7 | ASTM | Active | View | D525 REV A | | | | | |
| 8 | ASTM | Active | View | F1700 REV A | | | | | |
| 9 | ASTM | Active | View | D3950 REV A | | | | | |
| 10 | ASTM | Active | View | D4429 REV A | | | | | |
| 11 | ASTM | Active | View | D3482 REV A | | | | | |
| 12 | ASTM | Active | View | E2030 REV A | | | | | |

PDF Document

Back To: [Details](#) [Results](#) [Original](#) 3 of 2243

Tools

ASTM INTERNATIONAL Designation: B30 – 14a

Standard Specification for Copper Alloys in Ingot Form¹

This standard is issued under the fixed designation B30; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reappraisal. A superscript epsilon (ε) indicates an editorial change since the last revision or reappraisal.

This standard has been approved for use by agencies of the U.S. Department of Defense.

1. Scope*

1.1 This specification establishes the requirements for copper alloys in ingot form for remelting for the manufacturing of castings having the Copper Alloy UNS No. designation, commercial designations and nominal composition shown in [Table 1](#) and [Table 2](#).

1.2 A cross reference of Copper Alloy UNS Nos. and copper alloy casting specifications is given in [Table 3](#).

B194 Specification for Copper-Beryllium Alloy Plate, Sheet, Strip, and Rolled Bar

B208 Practice for Preparing Tension Test Specimens for Copper Alloy Sand, Permanent Mold, Centrifugal, and Continuous Castings

B271/B271M Specification for Copper-Base Alloy Centrifugal Castings

B369 Specification for Copper-Nickel Alloy Castings



Doc. Details

Back To: [Results](#) Original 3 of 2243 View

Document Number B30 REV A **Title** Standard Specification for Copper Alloys in Ingot Form **Publication Date** 09/01/2014 **Status** Active

Bibliographic Information

▼ **Document Summary**

Title
Standard Specification for Copper Alloys in Ingot Form

Related Organizations
[U.S. Department of Defense](#) [Castings and Ingots for Remelting](#) [ASTM International](#)

Organization [ASTM](#) [ASTM International](#)

DOD Adopted False

ANSI Approved False

IHS Segments
DOD ADOPTED CORE - ASTM, AIA/NAS, WILEY
ASTM - Standards Collection (Active/historical)
ASTM - 02.01 Copper and Copper Alloys W/ Hist & (RL)
ASTM - Metals
DOD Adopted Numeric Index
DOD ADOPTED - ASTM
ASTM - 02.01: Copper and Copper Alloys
Worldwide Standards II Combined Index

Page Count 14

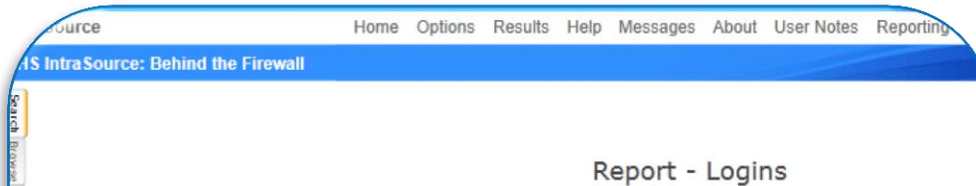
▼ **Scope**
Abstract

Document Family & Revisions

Contact Information

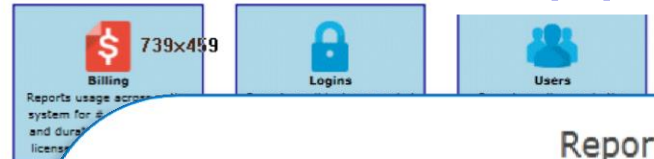
[ASTM](#) [U.S.](#) [Castings and](#)

Abstract, Documents Family,
Contact Information, Ref. Docs.,
User Notes...



Reports

관리자 계정접속 → 이용자 접속통계 관리



Report - Documents Viewed

Reports – Doc. Viewed

Report Filters:

Users/Groups: Dates: -

License:

126 results

| Time | License | IP Address | Document # | PCN |
|------------------|-----------|----------------|----------------|-------------|
| 01/17/2016 19:00 | License 1 | 218.39.128.27 | B30 REV A | DSL53 |
| 10/27/2015 20:00 | License 1 | 211.55.69.163 | AR 55-203 | DS979 |
| 10/27/2015 16:00 | License 1 | 211.55.69.163 | MIL-DTL-11484/ | DS979 |
| 10/27/2015 16:00 | License 1 | 211.55.69.163 | MIL-T-26772F N | ML14K |
| 10/27/2015 16:00 | License 1 | 211.55.69.163 | MIL-T-26772F | ML14K |
| 10/27/2015 11:00 | License 1 | 125.131.168.18 | STANAG 1448 | MLNAT |
| 10/27/2015 11:00 | License 1 | 211.55.69.163 | AMS4860F | 683N, DSL53 |

Reports 엑셀저장



IHS Standards Expert™

Expert Management of Industry Specifications and Standards

IHS Standards Expert and the Empowered User

Automatic Monitoring of frequently used standards

- Mark "favorites" with one button
- Automatic email alerts

Fast Search & Study of a single standard



- Easy & intuitive
- Filtering options
- Full-text
- Redlinings



Local or global product or project teams



- Create personal or shared "Watch Lists"
- You define who can view/modify lists
- Whole team gets alerts for revisions
- Add personal or shared Account Notes with important project information
- Add metadata and links for internal company documents stored securely on your intranet

Shared Platform
for common
standards



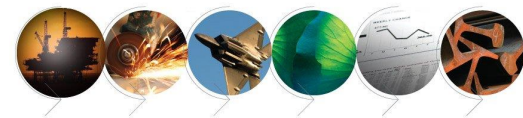
Anytime, Anywhere Access
to millions of standards documents

Comprehensive, up-to-date standards from 370+ SDOs

| | | | |
|------|------|---------|------------|
| ASTM | IEEE | AWS | NFPA |
| ISO | GM | JAA | CSA |
| BSI | DIN | AIA/NAS | NEMA |
| SAE | ANSI | FORD | More . . . |
| IEC | UI | IPC | |



From design through compliance



Home | Help | Contact Us | IHS menu

The Source for Critical Information and Insight™

Search Favorites Watch Lists Alerts Table of Contents My Account Training & Support

Search
Document
Example
Keyword
Example: valve, gate valves, or gate valves

Find Text

✓ Most Recent Revision

Alert 내용 조회

즐거찾기 관리

업데이트 감시 리스트 관리

구독정보, 개인설정

고객지원

목차 방식 검색

Go to ASME BPVC Table of Contents

Advanced Filters

Filter by: [What's This?](#)

Organization: [API](#), [ASTM](#), [ASME](#) [more...](#)

Status: [Active](#), [Cancelled](#), [Discontinued](#), [Draft](#) [more...](#)

Standard Class: [DOD](#), [ANSI](#) [more...](#)

Publication Date: [7 Days](#), [30 Days](#), [90 Days](#) [more...](#)

[More Filters](#)

Saved Searches

You must be registered to use Saved Searches.

[Now](#)

Set Alerts to inform you of changes and updates to important documents.
Access Recently Viewed Documents from any page.

Already registered? [Log In](#)

[Set your Search & Display Preferences](#)

[Review your Subscription Details](#)

You Spoke, We're Still Listening...

IHS Standards Expert team
like to thank everyone that
participated in our recent

Please take a moment to review
the documents provided here,
specifically the **What's New in
IHS Standards Expert**, which
identifies all of the latest features,
content and collections available in
IHS Standards Expert

For more information on v
constructive comments, c
learn more about the prog

- [What's New in IHS Standards Expert](#)
- [Review FAQs based on your questions](#)
- [Read about our Information Quality Program](#)
- [Learn more about Product Training](#)

고객 계정 로그인과 별도로 개인별 이용자 등록

User Login

Account: IHS Employees
Account ID: 1111111001
Session: 84118706

Returning Registered Users:

You may login as a different user under the same account.

Email Address:

User Password*:

New User or Never Registered

Welcome! Please

Welcome to IHS! Please take a moment to complete this one-time "user" registration. **Not** your email address will be your username. The email address/password will only be used to protect your profile information. You will continue to use your company login or portal to access the products for which you currently access the products for which

For more information, please review the [IHS Privacy Policy](#).

Why do I have to register?

- ... 접속자 Profile 정보 표시(account, name, session ID...)
- ... Saved Searches
- ... Favorites, Watch Lists, email Alert 기능사용
- ... recently viewed documents
- ... Tracking of individual document purchases
- ... 개인별 검색환경 설정, Preference settings

개인별 이용자등록기능 일괄 해제에 대한 안내

... IHS는 고객사의 모든 개인 접속자들의 개인 사용자 등록을 의무화하고 있습니다.

... 고객사의 구성원에 대한 개인 보안문제와 거래처 이용자의 불편함 호소로 인하여 현재 주요 규격 거래처 계정들은 개인이용자 등록 안내를 강요받지 않도록 일괄적으로 설정되어 있습니다.

... 개인별 등록에 기준한 여러 standard expert 기능들은 고객사의 상황에 따라 이용 불가능할 수 있으며, 보다 편리하고 유용한 기능 활용을 위해 개인사용자 등록기능 활성화를 권장 드립니다.

Top FAQs

for IHS Standards Expert



IEEE

SAE
INTERNATIONAL

Authorized Dealer in Korea



키티스産學研情報(株)
KITIS Info. & Co., Ltd.

FAQ #1. How can I receive email notifications when documents change?

[Search](#) [Favorites](#) [Watch Lists](#) [Alerts](#) [My Account](#) [Training & Support](#)

Recently Viewed
QPL-27817

List Management
[List Sharing](#)
[List Modification](#)
[List Alert Settings](#)
[Create New List](#)
[Remove List](#)
[Copy List](#)
[Delete List](#)

FAQs
See Frequently Asked Questions about:
[Watch Lists](#)
Read All [FAQs](#)

Create New Watch List

New List Name

Enter List Name:

List Sharing

List Modification:

☐ Allow all registered users
☒ Allow only selected users

• Yi Sik Jeong [Choose Users](#)

List Viewing:

☐ Allow all registered users
☒ Allow only selected users

• Yi Sik Jeong [Choose Users](#)

List Alert Settings

Email Alerts: Only your Email address is set, by default, to receive email alerts when document changes occur.

• [isjung@kitis.co.kr](#) [Edit/Add Email Addresses](#)

Watch list 생성, 등록된 개인메일 확인

FAQ #1. How can I receive email notifications when documents change?

1 - 20 of 133,436 Sort By: Relevancy 20 per page 1 2 3 4 Next »

Search Results for:
Applied Filters: ~~X~~Most Recent Revision ~~X~~My Subscription [Search Tips](#)

[Select Multiple Documents](#)

| Document Number | Status ? | Date | Title | Tools |
|---|----------|------------|---|---|
| QPL-A S21608-QPD Details History | Active | 2013.10.09 | Ferrule, Shield Terminating, Crimp Style - QPDs not available as a PDF, refer to the corresponding QPL with corresponding date. | Favorites (Add) Watch List (Add) |
| QPL-A S70991-QPD Details History | Active | 2012.06.15 | Terminals; Lug and Splice, Crimp Style Aluminum for Aluminum Aircraft Wire - QPDs not available as a PDF, refer to the corresponding QPL with corresponding date. | Favorites (Add) Watch List (Add) |
| QPL-32490 Details History | Active | 2014.03.21 | ADDITIVE, LUBRICITY IMPROVER, DIESEL | Favorites (Add) Watch List (Add) |
| QPL-25896-Q Details History | | | craft, Nominal 2.5-Inch Diameter - QPDs not available as a PDF, refer to the corresponding QPL with corresponding date. | Favorites (Add) Watch List (Add) |
| QPL-TT-P-276 Details History | | | E, ELASTOMERIC - QPDs not available as a PDF, refer to the corresponding QPL with corresponding date. | Favorites (Add) Watch List (Add) |
| QPL-6529-QP Details History | | | e - QPDs not available as a PDF, refer to the corresponding QPL with corresponding date. | Favorites (Add) Watch List (Add) |

Add Document to Watch List

QPL-32490

Select a List: or [Create New List](#)

Most Recent: ☒ Yes ☐ No

Document alert: ☒ Yes ☐ No

[Submit](#) [Cancel](#)

검색 결과에서 원하는 문서를 특정 Watch list 등록

FAQ #1. How can I receive email notifications when documents change?

LIST 관리 (공유설정, 수정, 메일설정, 생성, 이름변경, 복사, 삭제)

Select a Watch List: ☐ My Lists ☒ All Lists **test** or [Create New List](#)

[List Sharing](#)
[List Modification](#)
[List Alert Settings](#)
[Create New List](#)
[Rename List](#)
[Copy List](#)
[Delete List](#)

Download List Print

1 - 1 of 1 Sort By: Document Number - Ascending 20 per page

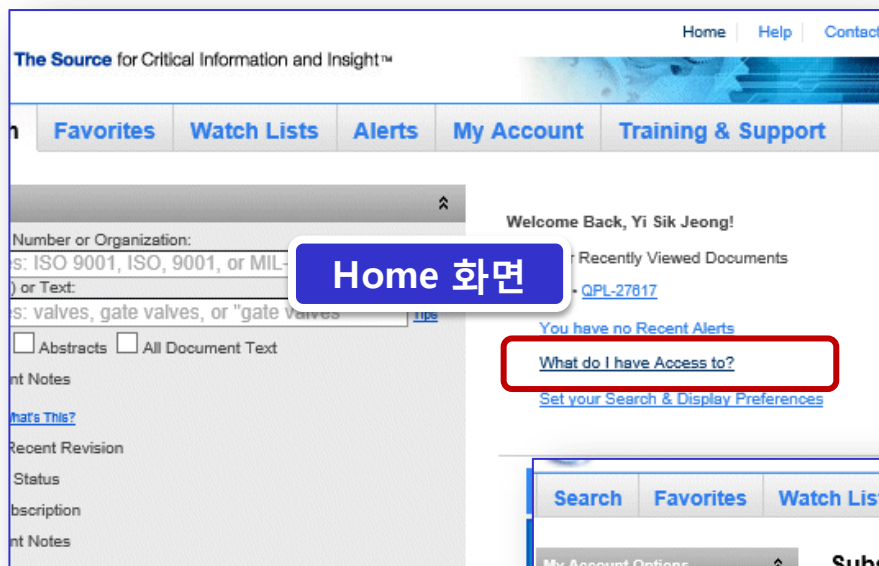
Watch List: test
Modification Rights: Jeong, Yi Sik
Viewing Rights: Jeong, Yi Sik
Email Alerts: isjung@kitis.co.kr

| | Document Number | Status ? | Date | Title | Updated by |
|--|--|----------|------------|---|------------|
| | QPL-32490 Details History | Active | 2014.03.21 | ADDITIVE, LUBRICITY IMPROVER, DIESEL Type of Change: Complete Revision | |

1 - 1 of 1 Sort By: Document Number - Ascending 20 per page

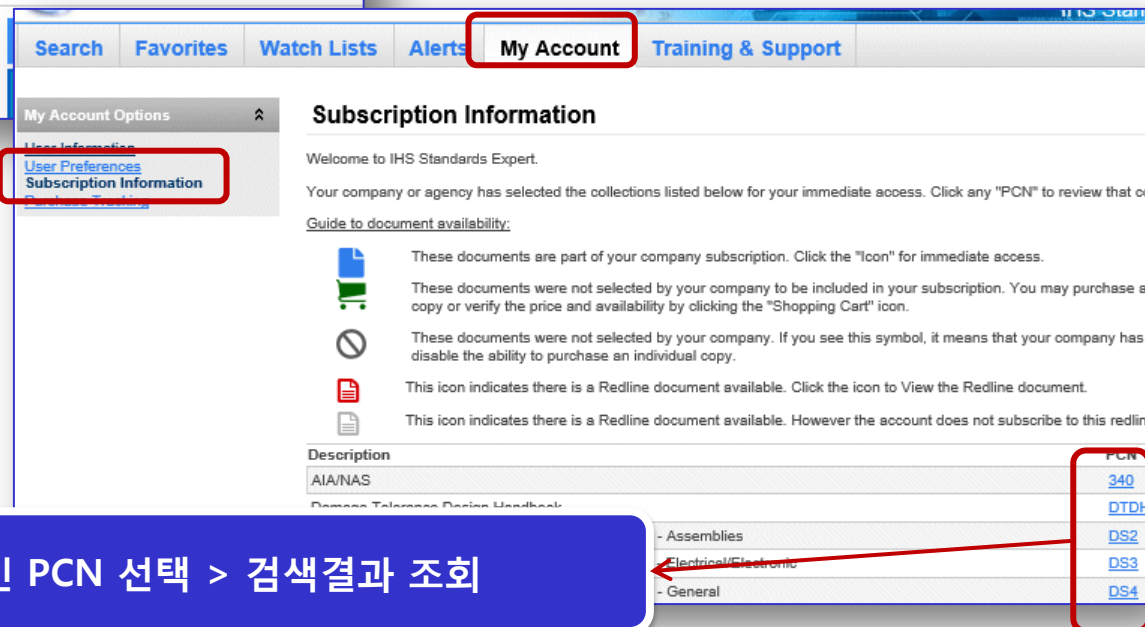
특정 규격의 변동사항이 있을 때 자동 e-mail 알림을 받기 위해서는 Favorites(즐거찾기) 에 등록하여 안내를 받을 수도 있으나 복수의 리스트에 대한 다양한 기능을 활용하여 보다 효율적인 관리를 위해서는 Watch list(감시목록) 기능이 더 유용합니다.

FAQ #2. How can I find out what is included in my subscription?



구독정보 확인

1. Home > What do I have Access to?
2. My Account > Subscription Information



FAQ #3. I need more space for the PDF file. How can I make it bigger?

IHS The Source for Critical Information and Insight™

View Document Document Details Related Documents

Doc No: QPL-32490 Date: 2014.03.21 Status: Active

[Full Screen View](#) [Favorites](#) [\(Remove\)](#) [Watch List \(Add\)](#)

Recently Viewed

[QPL-27617](#)

Related Documents

Procurement Specification: [MIL-PRF-32490](#)

Search Document

The Adobe Reader provides the option to search for text within a PDF document. Click the binoculars icon in the toolbar, or press Ctrl-F to open the search tools. To search for text in non-PDF documents, press Ctrl-F to open the search tools for your particular browser and operating system.

See more about [Adobe Tools](#).

[Restore Product Features](#)

QUALIFIED PRODUCT LIST
OF
PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION
MIL-PRF-32490
Additive, Lubricity Improver, Diesel

This list has been prepared for use by or for the Government in the acquisition of products covered by this specification. The list is not intended to and does not connote endorsement of the product by the Department of Defense. The list is subject to change without notice; revision or amendment of this list will be issued as necessary.

The activity responsible for this QPL is Naval Sea Systems Command, 1333 Isaac Hull Ave. SE, Groton, CT 06340-6100, email commandstandards@navy.mil.

GOVERNMENT DESIGNATION MANUFACTURER DESIGNATION TEST REFERENCE

PDF 전체화면 확대/복귀

Tip – User Preferences

Search Favorites Watch Lists Alerts My Account Training & Support

My Account Options ^

User Information
User Preferences
Subscription Information
Purchase Tracking

User Preferences

Modify your preferences and then click submit button

[Search Preferences](#) | [Results Display Preferences](#) | [Tools Preferences](#)

Search Preferences

The checked filters are the default filters that will be pre-checked before performing any search.

☒ Most Recent Revision ☐ Active Status ☐ My Subscription

Search Filter 자동설정 :
Most Recent, Active Status, My Subscription

Results Display Preferences


Date format: Results Per Page:

Title Language Display Preferences

If a standard has a title in different languages, the language highest in your preference order will be shown.

English; Korean; German; French; Spanish; Danish; Italian; Norwegian; Portuguese; Dutch; Finnish; Swedish; Arabic; Chinese; Polish; Russian; Turkish; Japanese; Vietnamese

[Change Language Order](#)

☒ Only display document language indicator  for non-English documents.

☒ Display DOD Adopted/ANSI Approved indicators

Tools Preferences

Watch Lists

☒ Enable tools to add or delete multiple documents at one time.

Your Recently Viewed Documents

Number of documents to save:

검색결과 표시 조건 설정, 다중언어 문서의 언어표시 우선순위 등 다양한 사용자 검색환경 설정 가능

View Document

Doc No: NEMA AB 4 (RL) Standard | Date: 01/01/2009 | Status: Active

[Full Screen View](#)

Recently Viewed

- [ASME/BPVC SEC I](#)
- [ASME/BPVC SEC VII-1](#)
- [ASME/BPVC SEC VII-1](#)
- [ASME/BPVC SEC VII-1](#)
- [SAE A65553](#)
- [more...](#)

Related Documents

References:

- [NEMA 250](#)
- [NEMA AB 1](#)
- [NEMA AB 2](#)
- [NFPA 70E FRTA 2](#)
- [NFPA 70E FRTA 1](#)
- [UL 1053](#)
- [UL 483](#)

Referenced By:

- [NEMA AB 3](#)
- [NETA MTS](#)

Search Document

The Adobe Reader provides the option to search for text within a PDF

Redline Comparison Document

What is this?
This document has been produced by IHS using specially developed tools in order to help the ("end") user of IHS Standards Expert to quickly identify the changes made between versions. This document includes the complete version of the selected standard, as it appears in the published version, with changes to the previous version and text noted therein.

Disclaimer
This Redline Comparison Document is not the official version of the standard and is intended only to provide the user with an indication of what changes have been made to the previous version. In all cases, only the current version of the standard is to be considered the official document. Use of the standard remains subject to the terms of use contained within the Agreement under which access has been provided.

The indicated changes have not been reviewed by the authoring organization or the associated committees. Neither IHS nor the authoring organization make any express or implied warranty of the accuracy or completeness of the indicated changes. All changes are made with the official document in mind.

of the text of the standard that you selected. Any changes have been underlined and given a color-coded "flag" based on

- Red represents Deleted text
- Blue represents changed text

Hover over the "flag" to see the specific details on the identified change.

It may not be technically possible to adequately depict all changes accurately. IHS recommends that users consult the official standard and prior editions as appropriate.

Please contact our [Customer Care](#) representatives for more information.

1 Page : Redline 문서의 구성 및 사용법 안내 페이지

Blue represents **CHANGED** Text

Green represents **INSERTED (New)** Text

Hover cursor over “flag” to reveal change detail from previous version

calculated sediment content $\leq 0.005\% \text{ m/m}$ as determined in report as “0 % m/m.” The test result shall reference Test Method D 473/API MPMS Chapter 10.1 as the procedure used.

NOTE: Since water is commonly reported as percent as a percentage of the original sample, it is probable that the sediment content would be reported as a percentage of the original sample. The test result shall reference Test Method D 473/API MPMS Chapter 10.1 as the procedure used.

where:
 S_v = sediment content of the sample as a percentage by volume, and
 S = sediment content of the sample as a percentage by mass.

10.2 Report that the sample mixing procedure was performed in accordance with the procedures specified in Practice D 5854 (API Chapter 8.3). Report the temperature of the sample before and after mixing.

10.3 The test report shall also contain all details necessary for complete identification of the product tested; any deviation, by agreement or otherwise, from the procedure specified; and the date of the test.

11. Precision and Bias

11.1 *Precision*—The precision of the test method, as based on mass percent and as obtained by statistical examination of interlaboratory test results in the range 0 to 0.4 %, is described in 11.1.1 and 11.1.2.

11.1.1 *Repeatability*—The difference between successive test results, obtained by the same operator with the same apparatus under constant operating conditions on identical test material, would, in the long run, in the normal and correct operation of the test method, exceed the following value in only one case in twenty:

$$r = 0.017 + 0.255 S \quad (3)$$

where:

r = repeatability of the test, and
 S = average result as a percentage by mass, of the values being compared.

11.1.2 *Reproducibility*—The difference between two single and dependent test results obtained by different operators working in different laboratories on identical test material, would, in the long run, in the normal and correct operation of the test method, exceed the following value in only one case in twenty:

$$R = 0.033 + 0.255 S \quad (4)$$

where:

R = reproducibility of the test, and
 S = average result, as a percentage by mass, of the values being compared.

11.2 *Bias*—The procedure in this test method has no bias because the value of sediment can be defined only in terms of a test method.

12. Keywords

12.1 crude oil; extraction; fuel oil; sampling; sediment

Grey represents **MOVED** Text

Red represents **DELETED** Text

Search Results for: Document Number: rs 380 [Search Tips](#)

[Select Multiple Documents](#)

| Document Number | Status ? | Date | Title | Tools |
|---|---------------|-------------------------------|--|---|
|  ECA RS-380-A Details History | Active | 01/17/1978 (S 2013) | Small Contact Standard for Electrical Connectors - (STABILIZED) | Favorites (Add) Watch List (Add) Goldfire » |
| Document Number | Status ? | Date | Title | Tools |

Stabilized Standards?

- ... 기술적인 부분이나 실용적 부분에서 완전히 성숙된 관련분야 규격으로 거의 갱신 (Revision) 가능성이 없는 규격
- ... safety / health 관련분야는 해당사항 아님
- ... 현재 미국가표준의 지위를 유지하고 있으며 적어도 한번은 reaffirm된 규격
- ... 미국가표준으로 승인된지 10년 이상 경과 또는 최신판이 적어도 현재 기준 10년 이상 경과된 규격
- ... 기존 이미 구현/적용된 사례관련 또는 참조용 목적으로 사용

Tip : Documents Status(1)



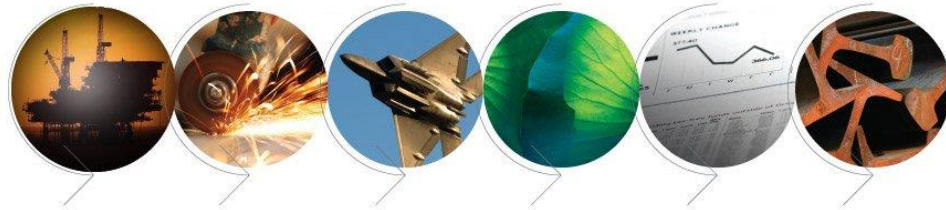
| | Document Number | Status | Date | Title |
|--|--|--------|------------|--------------------------------------|
| | QPL-87260-QPD Details History | Active | 2014.12.16 | Foam Material, B corresponding da |
| | QPL-32490 | Active | 2014.03.21 | ADDITIVE, LUBI |

| STATUS | 의 미 | 정 의 |
|-------------------------------|---------------------|---|
| ACTV (Active) | Current | Valid and Current : 현재 규격문서가 포함하는 내용은 그 목적에 맞게 적용/사용되고 있거나 사용할 수 있는 상태 |
| INAC (Inactive) | No Longer Active | No Longer Active : 더 이상 Active한 규격이 아니며, 단지 과거의 자료로써 이용/제공되는 규격들 입니다. |
| PEND (Pending) | Pending Approval | Used for Bib-Only entries : 참조 목록으로만 사용됨 규격제정기관에서 아직 합의/결정에 이르지 못해 Active 규격으로의 지정 여부가 미뤄진 상태의 규격입니다. |
| CANC (Cancelled) | No Longer Active | No Longer in Use: 더 이상 사용하지 않고 취소된 규격 상태를 나타내며 이러한 규격들은 반드시 해당 규격을 대체하여 새로 발행된 규격들을 조사하여 최신의 규격을 적용해야 할 필요가 있습니다. |
| DISC (Discontinued) | No Longer Active | No Longer Being Published : 의미는 위와 같으며 더 이상 새로운 버전이 발행되지 않는 상태입니다. |
| DRFT (Draft) | Preliminary Version | Preliminary Version: 예비/초안 규격 규격이 발행되기 전의 최종버전을 의미하며 이러한 규격들은 해당 제정기관/협회에서 최종적인 정식 규격발행 여부를 결정하기 전에는 인용되어서는 안 되는 규격입니다. |

Tip : Documents Status(2)



| STATUS | 의 미 | 정 의 |
|-------------------------------------|-----------------------|---|
| NFND (Not for New Design) | Valid but Obsolescent | Outdated : 현재 목적에 맞는 분야에 유효하게 적용/사용되기는 하지만, 새로운 디자인에는 적용하지 않도록 권장되는 규격 상태를 나타냅니다. 오래된 구식의 디자인에 적용하기 위해 해당 규격 제정기관에서 사용되기도 하는 규격입니다. |
| NONC (Non-Current) | No Longer Active | No Longer Current : 더 이상 현장에 적용할 수 없는 규격이며, 이러한 규격들은 반드시 대체 가능한 규격이나 대체된 최신 규격을 검토하여야 합니다. |
| OBSO (Obsolete) | No Longer Active | No Longer Being Developed : 더 이상 규격개발이 이뤄지지 않는 상태의 규격이며 마찬가지로 이러한 규격들은 반드시 대체 가능한 규격이나 대체된 최신 규격을 검토하여야 합니다. |
| REVD (Revised) | Replaced / Historical | Historical : 해당 규격의 오류수정, 새로운 업데이트, 내용 추가/보충 등의 개선된 버전이 출간되어 더 이상 Active 규격이 아니라 과거 자료로 분류되는 규격입니다. 이러한 규격들은 반드시 새로운 버전의 최신 규격들이 존재합니다. |
| WDRN (Withdrawn) | No Longer Active | Removed from Circulation : 더 이상 유통되지 않는 폐지된 규격을 의미하며 이러한 규격들은 반드시 대체 가능한 규격이나 대체된 최신 규격을 검토하여야 합니다. |



Questions ?