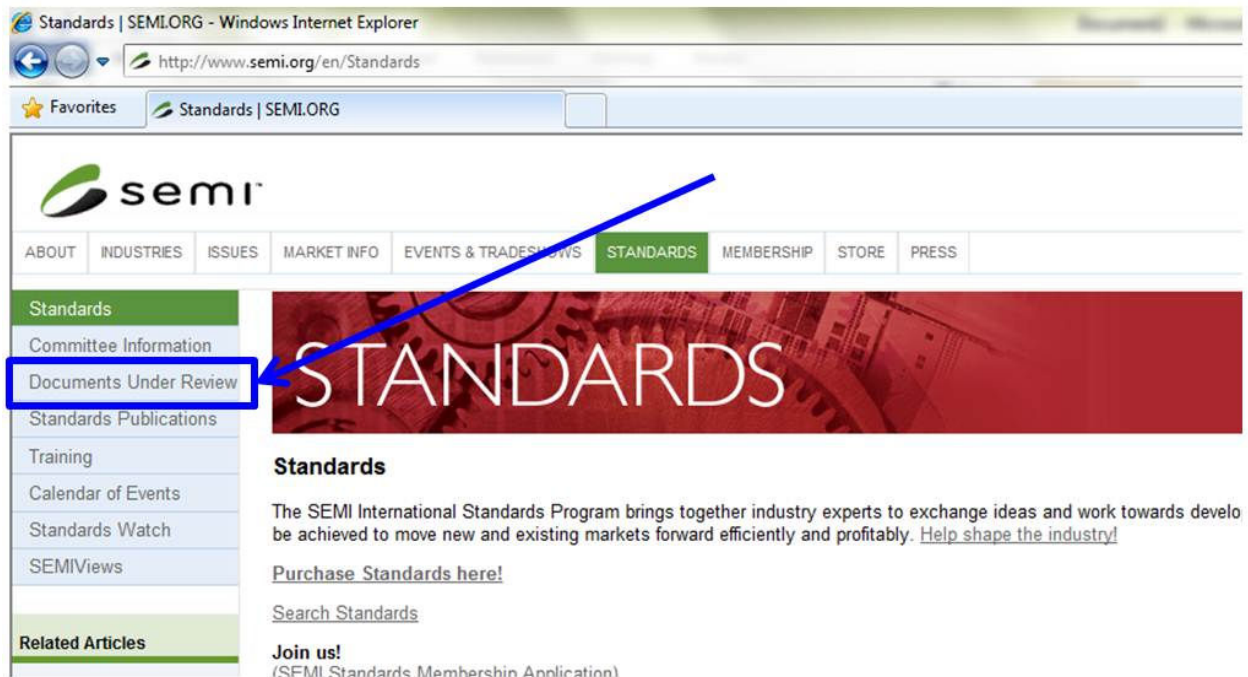


## Voting on SEMI Standards Ballots

As a Technical Committee member, you are required to vote on all letter ballots issued by each technical committee you registered for. Please follow these instructions to vote on letter ballots.

- 1) Go to: [www.semi.org/standards](http://www.semi.org/standards)
- 2) Click on “Documents Under Review” on the left-hand navigation tab [see Figure 1].



**Figure 1**  
**Documents Under Review Link**

3) On the main page, under “Standards Ballots” heading, click on “Letter Ballots (Cycle #, 2012)” [see Figure 2]

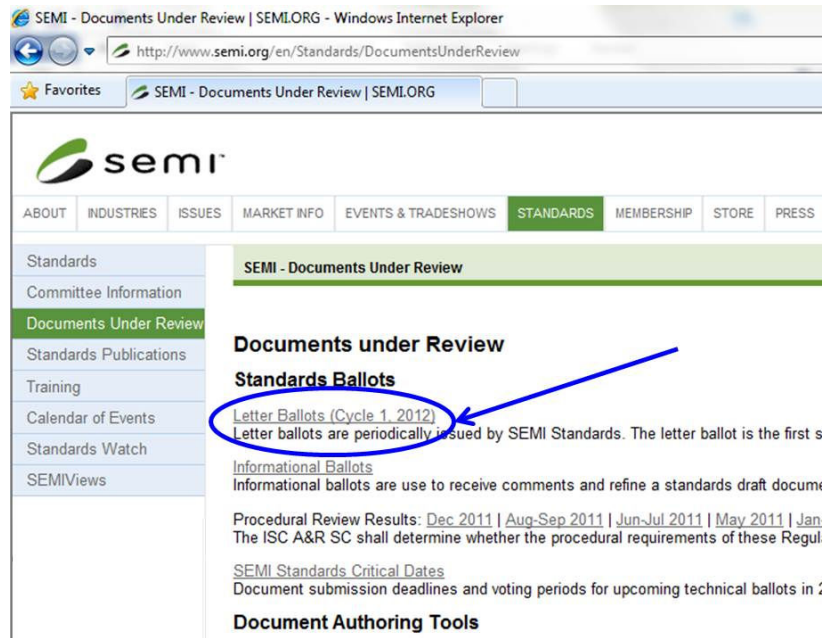


Figure 2  
Accessing Available Ballot Cycles

5) You now should have accessed the “SEMI Standards Technical Ballots - Electronic Voting Main Page” [see Figure 3]

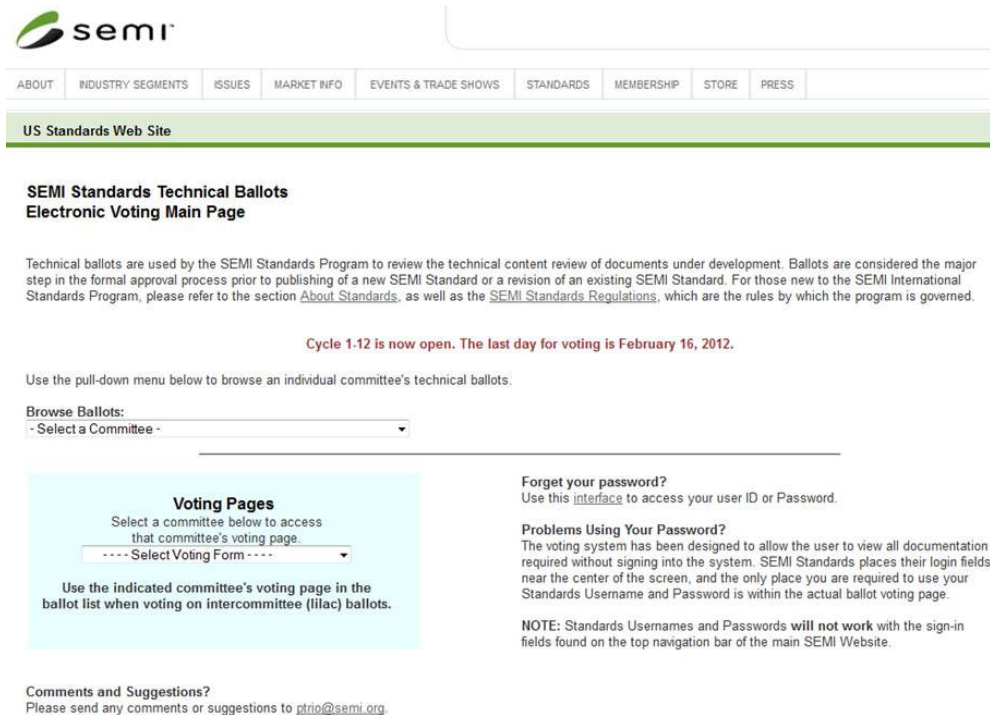


Figure 3  
SEMI Standards Technical Ballots – Electronic Voting Main Page

4) Click on the drop-down box under “Browse Ballots” to select available ballots and/or ballots issued by the committee(s) you registered for [see Figure 4]

### SEMI Standards Technical Ballots Electronic Voting Main Page

Technical ballots are used by the SEMI Standards Program to review the technical content review of do new SEMI Standard or a revision of an existing SEMI Standard. For those new to the SEMI International are the rules by which the program is governed.

Cycle 1-12 is now open.

Use the pull-down menu below to browse an individual committee's technical ballots.

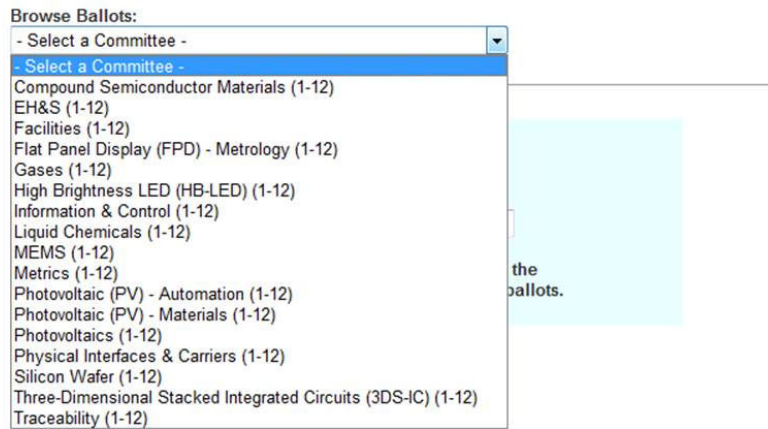


Figure 4  
Ballot Drop-down Menu

5) Once you have selected a committee, click on the .pdf link to open and review a particular ballot file [Figure 5 – In this example, the ballot issued from the High-Brightness LED Committee was selected]  
Note: Some ballots are packaged as a .zip file when additional supplementary documents are included for review.

Use the pull-down menu below to browse an individual committee's technical ballots.

Browse Ballots:  
- Select a Committee -

#### High Brightness LED (HB-LED) (1-12) Technical Ballots

Document 5265 - New Standard: Specifications for 150 mm Diameter Sapphire Wafers Intended for Use for Manufacturing HB-LED Devices  
To Be Reviewed: 04/05/2012 at NA Spring Meetings 2012 in SEMI HQ - San Jose, CA

[Download PDF 551.8K](#)

**Voting Pages**  
Select a committee below to access that committee's voting page.  
- - - Select Voting Form - - -  
Use the indicated committee's voting page in the ballot list when voting on intercommittee (IILAC) ballots.

#### Forgot your password?

Use this [interface](#) to access your user ID or Password.

#### Problems Using Your Password?

The voting system has been designed to allow the user to view all docur the system. SEMI Standards places their login fields near the center of are required to use your Standards Username and Password is within th

NOTE: Standards Usernames and Passwords **will not work** with the si navigation bar of the main SEMI Website.

Figure 5  
Ballot Link

6) Review the letter ballot.

A letter ballot consists of a background statement that provides voters additional information about the Draft Document. The background page also includes information on when the ballot will be reviewed by the responsible task force as well as the committee adjudication date. The proposals presented by the letter ballot follow the background statement page(s). The main ballot proposal is distinguished by the Letter Ballot border template [see Figure 6].

**SEMI Draft Document 5265**  
**NEW STANDARD: SPECIFICATIONS FOR 150-mm DIAMETER SAPPHIRE WAFERS INTENDED FOR USE FOR MANUFACTURING HB-LED DEVICES**

**Background Statement for SEMI Draft Document 5265**  
**NEW STANDARD: SPECIFICATIONS FOR 150-mm DIAMETER SAPPHIRE WAFERS INTENDED FOR USE FOR MANUFACTURING HB-LED DEVICES**

**Background**

Sapphire wafers are widely used in producing HB-LED devices that are used in multiple applications: e.g. LCD backlights, signage and solid state lighting. Improving manufacturing efficiency and cost reductions are critical elements in enabling continued industry advances. 150 mm sapphire wafers represent a key inflection point to obtain these goals. A recent SEMI survey identified key parameters and dimensions critical to enabling manufacturing automation across multiple manufacturing steps.

This document is intended to define and specify the physical geometry of 150 mm diameter sapphire wafers used in HB-LED manufacturing. Nominal values and tolerances to be addressed include general characteristics, wafer preparation characteristics, dimensional characteristics, and front surface inspection characteristics. Standard specifications and a specification format for order entry are included to cover all requirements of the industry.

It is intended to distribute this draft document for voting during the cycle 1, 2012 voting period and adjudicate the voting results at the North America (NA) HB-LED Committee meeting in conjunction with the NA Standards Spring 2012 Meetings, in San Jose in early April 2012.

Review and Adjudication Information	
Task Force Review	Committee Adjudication
Group: HB-LED Wafer Task Force	North America HB-LED Committee
Date: Thursday, April 5, 2012	Thursday, April 5, 2012
Time & Timeszone: 9:00 AM to 11:00 AM Pacific Time	1:00 PM to 4:00 PM Pacific Time
Location: SEMI Headquarters	SEMI Headquarters
City, State, Country: San Jose, California	San Jose, California
Leader(s): Paul Tsao (SEM NA)	Paul Tsao (SEM NA)
Paul Tsao (SEM NA)	Paul Tsao (SEM NA)
408 943 7041; paul@semi.org	408 943 7041; paul@semi.org

This meeting's details are subject to change, and additional review sessions may be scheduled if necessary. Contact Standards staff for confirmation.

Telephone and web information will be distributed to interested parties as the meeting date approaches. If you will not be able to attend these meetings in person but would like to participate by telephone web, please contact Standards staff.

**LETTER (YELLOW) BALLOT**

Doc. 5265 • SEMI®

Figure 6  
SEMI Standards Letter Ballot

7) Once you have reviewed the ballot for a particular committee and if you are ready to cast your vote, click on the Voting Form drop-down menu to select the corresponding committee that issued the ballot [Figure 7]



**Figure 7**  
**Voting Form Drop-down Menu**

8) Before you are able to access the voting sheet, you will need to enter your Standards Membership log-in [Figure 8]:



**Figure 8**  
**Log-in for Standards Voting Sheet**

9) You may use any of the following options if you do not have or have forgotten your Standards Membership log-in information

**Option A:** Retrieve your Standards log-in from the Standards membership submission confirmation email. This email was sent to you when you applied for SEMI Standards Membership.

**Subject: SEMI Standards: Recent Membership Application Submission**

Listed below are your username and password for the Standards voting system. Please note that this username system found at <http://www.semi.org/en/Standards/DocumentsUnderReview/index.htm>.

Username: Firstn Lastn  
Password: XXXXXXXXX

For additional information about the Standards Program, please see the Standards website at <http://www.semi.org> nearest regional representative as listed on the Standards Contact information page at <http://dom.semi.org/web>

Thank you again for joining the SEMI Standards Program.

Sincerely,]

**Option B:** Retrieve your Standards log-in using the password retrieval system from the voting main page:

Step B1: Click on “interface” from Standards voting main page:

**Voting Pages**  
Select a committee below to access that committee's voting page.  
---- Select Voting Form ----  
Use the indicated committee's voting page in the ballot list when voting on intercommittee (ilac) ballots.

**Forgot your password?**  
Use this [interface](#) to access your user ID or Password.

**Problems Using Your Password?**  
The voting system has been designed to allow the user to view all documentation required without signing into the system. SEMI Standards places their login fields near the center of the screen, and the only place you are required to use your Standards Username and Password is within the actual ballot voting page.

**NOTE:** Standards Usernames and Passwords **will not work** with the sign-in fields found on the top navigation bar of the main SEMI Website.

Step B2: Click on “Have it sent to you” from the Access SEMI Standards Membership Area page:

**Access SEMI Standards Membership Area**

Please enter your Standards username and password your home page with access 1

User ID:   
Password:

**Need an User ID or Password?**

- Not a Standard Member yet? - Fill out a [membership application](#)
- Forgot your ID? [Have it sent to you](#)
- Lost your password to your ID? [Get it here](#)

Step B3: Enter your email address, then click on “Continue.” Your username and password will be emailed to you.

### Having problems with signing in?

#### Retrieve Your Standards User ID

1. Enter your email address below.
2. Click the “Continue” button.
3. Your account information will be sent to the email address if it is found within our records.

Step B4: Retrieve your Standards Membership log-in from your email inbox

**Subject:** SEMI Standards Account Information

**Option C:** Contact SEMI Staff

Telephone and email information of the SEMI Standards staff in your region can be found at:

<http://dom.semi.org/web/wstandards.nsf/ci>

10) Cast your vote by clicking on the appropriate radio button for each ballot [Figure 9].

**semi**

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US Standards Web Site

**Ballot Page for High Brightness LED**

Welcome, Firstn Lastn

Doc. #	Document Title	
5265	New Standard: Specifications for 150 mm Diameter Sapphire Wafers Intended for Use for Manufacturing HB-LED Devices	<input type="radio"/> Accept <input type="radio"/> Accept with Comments <input checked="" type="radio"/> Abstain <input type="radio"/> Abstain with Comments <input type="radio"/> Reject

Votes marked as Reject or having Comments **require** explanatory material to be attached below.  
Enter your comments here

or attach up to three files

Submit Vote

Quit Ballot

**Figure 9**  
**Voting Sheet for Standards Ballots**

Note: Votes marked as Reject or having Comments require explanatory material which can either be provided in the text box or as attachments.

Votes marked as Reject or having Comments **require** explanatory material to be attached below.  
Enter your comments here

or attach up to three files

<i>Vote Type</i>	<i>Description</i>
Accept	A type of Vote selected to indicate approval of the contents of a letter ballot
Accept with Comments	Counted as a Vote of Accept with any text or material submitted with this Vote treated as a Comment.
Abstain	A type of Vote selected to indicate the Voter refrains from taking a position of approval or disapproval of the contents of a letter ballot.
Abstain with Comments	Counted as a Vote of Abstain with any text or material submitted with this Vote treated as a Comment.
Reject	A type of Vote selected to indicate disapproval with part or all of a letter ballot's technical content. A Reject Vote must be accompanied by supportive material indicating the reason(s) for disapproval (i.e., Negative).

*What is a Negative?*


The text or other material submitted with a Vote of Reject on a letter ballot. Examples of material that can be included are:

- Technical evidence refuting any part of the item being balloted.
- Ambiguity or lack of clarity causing the perception of a technical or procedural error.
- Procedural evidence that these Regulations have not been followed

11) Once you have entered your votes and if you are ready to submit, click on “Submit Vote.” Otherwise, you can “Quit Ballot” to return at a later time.

Note: The voting pages will be available for the duration of the voting period and you can no longer cast your vote(s) once the voting for the committee is closed.

12) Upon clicking on “Submit Vote,” your vote summary and receipt page will appear [Figure 10]:


**Vote Summary & Receipt For: Firstn Lastn of Company ABC**  
**Committee: High Brightness LED**  
**Date: February 2, 2012**

**Welcome, Firstn Lastn**

Doc. #	Document Title	
5265	New Standard: Specifications for 150 mm Diameter Sapphire Wafers Intended for Use for Manufacturing HB-LED Devices	Abstain with Comments

**Comments Entered:**  
 Comments.....

**Figure 10**  
**Vote Summary & Receipt**

13) Click on “Ballot Main Page” or close your browser window to end your voting session.

14) Repeat this process to vote on another technical committee’s ballots.