



## The Times They Are A Changin’

### New Version of CSA B365 Soon to Take Effect

In our last newsletter, we mentioned the Canadian Standards Association (CSA) had released a new version of **B365 – the Installation Code for Solid-Fuel Burning Appliances and Equipment**. While the old version (B365-01) is still in effect for now, the new version (B365-10) is expected to come into force very soon once it is referenced within building codes in Canada.

To ease the transition and to ensure all members have current, up-to-date information, WETT is currently distributing free copies of CSA B365-10 to every member in good standing. This code book has a street value of \$160.00, and is included with your 2011 membership renewal.

**Before CSA B365-10 is enacted, it would be very wise to familiarize yourself with the new document.** Information has been completely reorganized into different sections. Some of the definitions have been changed for clarification, and a number of code requirements have been revised. **And be forewarned... Some of these revisions are sure to change the way you do business in the future.**

While there are many, many differences, we want to use this newsletter to draw your attention to some key changes that we believe are substantial.

First, certain sections of the old code book have been moved to the Annex (informative) at the rear of the booklet. These include:

- Responsibilities of the Installer
- Training and Quality of Labour
- Portions dealing with Suitability of Equipment

These sections have all been combined into a single category under Annex G in the new document. This has been done because many of the requirements within these sections were considered to be subjective in nature, and difficult if not impossible to enforce. To reflect this, the words “shall” have been replaced with “should”. While there are many arguments for and against the revisions to these sections, we urge members to do their best to comply with the recommendations posted within this annex. This will help to ensure WETT maintains a positive, professional reputation in the minds of the public.



### Hazardous Locations

This section can now be found under clause 4.3 in the new document. Language dealing with the installation height of appliances has been clarified. The wording now reads, “*Any component representing a source of ignition, such as a blower or the bottom of the firebox, is at least 450 mm (18 inches) above floor level.*” The old wording was open to much interpretation. It stipulated that the “appliance” must be mounted 18 inches above floor level. To be sure, the height of the appliance’s pedestal or legs was being factored in as part of the appliance. This resulted in platforms that were taller than they needed to be to satisfy the intent. Even with the revision, installers will still need to check with their local-authority-having jurisdiction as to what they want to see to satisfy the requirement for protection against physical damage.

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# The Times They Are A Changin' Continued ...

## Ancillary Equipment – Draft Regulators

A new clause related to draft regulators (barometric dampers) has been added under section 4.4.4 in the new document. This clause effectively prohibits the installation of a draft regulator unless it has been certified for use with the appliance by the appliance's manufacturer.

## Venting Flue Gases

Tees are now required in certain liner applications. This new clause (6.2.7) stipulates that a tee is mandatory for a liner system connected to a free-standing space heater, or a hearth-mounted stove that is rear-vented. This does not apply to fireplace inserts or to hearth-mount appliances that are top-vented. Why the change? It just makes good sense to use a tee in these applications as it improves inspection and maintenance access. If you were already doing this anyway – good for you!

Section 6.4.2 in the new code makes some subtle changes to the requirements for horizontal sections of single-wall flue pipe that should not be overlooked. The wording has been revised to ensure that effective lengths of elbows are factored in when determining the overall length of a horizontal flue pipe. Before, it could be interpreted that 3 m (10 feet) of straight pipe was permitted along with up to 180 degrees of elbow. This was never the intent. It is important to note that a 90 degree elbow is roughly equivalent to five feet of straight pipe in terms of resistance. You would be at maximum horizontal flue pipe length with single-wall pipe if you used just two ninety degree elbows or four forty-five degree elbows. And while we should not have to say it, elbows should never be included within a flue pipe solely as a means of reclaiming heat from flue gases. This is a bad idea that will only slow down draft and result in excess accumulations of creosote! Readers will also note that a diagram that is commonly referred to has been moved. This diagram shows a cross-section of a breech pipe installed through a combustible wall and into a masonry chimney (Figure 2 on page 23 in the old CSA B365-01). This diagram has been relocated to the back of the new CSA B365-10 and relabeled as Annex H – Breech Pipe Installation.

## Installation of Ducts

If you work with central wood furnaces, there are a few differences you are sure to notice too. Joints where sections of duct are connected must now be sealed using approved

methods as outlined within section 9.1.2 on page 17. You may also notice that Annex F in regards to Heating Supply Ducts has been removed.

## Installation of Appliances – Spark & Ember Protection

Good news!! Wording under section 8.1.3.2 helps to clear up a common problem installers sometimes face when dealing with spark & ember protection on floors. Code requires a minimum 200 mm (8 inches) of protection on the sides and rear for wood stoves, yet many of today's appliances are certified to be installed with much less clearance to a wall if appropriate heat shields are used. In these instances, the floor protection can be less than 200 mm providing the pad butts up tightly to the wall's base. The key to this new wording is that floor protection applies only to combustible surfaces beneath the appliance. Jumping sparks and embers are not likely to stick to a wall (especially at the rear of the appliance), so this revision just makes good sense and keeps up with the more tolerant clearances required by today's stove designs. One thing to keep in mind though... just because you can install an appliance with minimal clearance does not mean you should. Always keep in mind that someone may have to get behind that appliance down the road to look at a certification label, or to work on a fan or other component. They will not appreciate it if the appliance has to be removed in order to get access (this point is actually a code requirement – see section 8.2.1 on page 16).

Sections 8.1.4.2, 8.1.4.3, and 8.1.4.4 under Radiant Heat Protection all feature a slight rewording to clarify intent when it comes to installation of appliances with no legs or short legs. The language is now more specific. Clearances should be measured between the "firebox bottom" and the ember pad, instead of between the "appliance bottom" and floor pad. Again, under the old version, some could make the argument that the measurement applied to the very bottom of any legs, an ash pan, shields, or any other portion forming part of the appliance.

## Other Differences

There are bound to be more than a few other grey areas when interpreting the new code as we move forward. As time and space permits, we will do our best to discuss these in future newsletters. As always, you can rely on WETT to provide you with sound opinions based on best practices.



# 2011 WETT Annual General Meeting

## Friday June 10, 2011 @ 4 p.m.

White Oaks Conference Centre, 253 Taylor Road, Niagara on the Lake, Ontario

### CALL FOR NOMINATIONS

#### Key Dates:

April 21, 2011	Nomination Deadline
May 1, 2011	Ballots Mailed
June 3, 2011	Ballot Deadline
June 10, 2011	Annual General Meeting

Bi-annually, we elect new Board of Directors for WETT Inc. There shall be a minimum of eight (8) directors and not more than twelve (12) directors, consisting of at least two each of WETT certified advisor, inspector, technician and sweep, with no more than five from any one category. The term is for two years.

### Questions & Answers About Being a Board Member

#### Who Can Be a WETT Board Member?

To serve on the Board of WETT Inc. candidates must be WETT certificate holders in good standing.

#### What's Involved in Being a WETT Board Member?

First and foremost, Board members must have a genuine enthusiasm for the goals of the organization and display both integrity and good judgment. As a Board member you will be expected to participate in our monthly Board conference calls. In addition, you will be asked to participate by e-mail and/or phone in discussions and committee meetings. The Board terms are two years in length.

#### Does It Cost Me Anything?

Being a Board member should not cost you anything but your time. Most of our meetings take place by phone and typically a toll free number is provided. In addition, we have one face-to-face meeting each year and your travel expenses are covered. We do require you to have access to e-mail, as a lot of Board business gets done by e-mail.

#### Does the Board Have Insurance?

Yes, all Board members are covered by a Directors and Officers Insurance Policy. The association also carries Comprehensive General Liability Insurance.

#### How Is the Executive Committee Elected?

The offices of President, Vice President, Secretary and Treasurer are elected by the Board members once the membership has elected the Board. This is done after the annual meeting.

#### How Do I Submit a Nomination?

If you would like to recommend a candidate to stand for election, please fax a letter with the individual's name and company affiliation to our Executive Director, Anthony Laycock, by May 3, 2010 at 416-968-6818. First, however, please confirm that the individual you are putting forward is prepared to serve if elected.

A slate of nominees will be mailed to you on May 1, 2011 for voting by fax/mail. The new Board will be confirmed at the Annual Meeting scheduled for June 10, 2011.

This year we have openings for five directors. Nominations are open for all certification categories.

**YOUR INPUT IS INVITED.** If you would like to recommend a candidate to stand for election, please fax a letter with the individual's name and company affiliation to our Executive Director, Anthony Laycock by April 21, 2011 at 416-968-6818. First, however, please confirm that the individual you are putting forward is prepared to serve if elected.

# A Forum for Discussion

Within WETT's website, you will find an online discussion board. Here, you can swap information with other members who are willing to share their knowledge and experience. There are currently over 50 different threads of discussion. There is a wide variety of topics ranging from thoughts on what to charge for WETT inspections to dealing with sliding snow and ice on metal roofs, and much more! Got a good question you would like help with? Post it for your peers to see on the Discussion Board. You are sure to see responses from fellow members in no time flat!

The screenshot shows the WETT Discussion Board website. At the top, there is a navigation bar with the WETT logo (Wood Energy Technology Transfer Inc.) and links for 'courses', 'about us', 'resources', and 'members'. A search bar is also present. Below the navigation bar, the page title is 'Discussion board'. A user is logged in as 'WETT-Technical contact' with a 'Logout' link. The main content area is titled 'WETT Discussion Board' and 'Members'. It features a table with columns for 'Topic', 'Started By', '#Replies', and 'Last Comment'. The table lists several discussion threads, including 'Oliver Macleod s/s 6 ID 2 3/8 insulated required', 'Snow Breaks', 'fireplace w/o label', 'barometric damper', 'Landlord/Tenant dispute', 'What do you burn', 'picture I meant to add', and 'barometric draft control'.

Topic	Started By	#Replies	Last Comment
Oliver Macleod s/s 6 ID 2 3/8 insulated required	Chris Major	0	03/08/11 8:25:18 PM by Chris Major
Snow Breaks	H. Dalton Hooker	12	03/05/11 8:33:54 AM by Ian Myers
fireplace w/o label	Luke Forssell	5	03/02/11 9:39:06 PM by Ian Myers
barometric damper	Dave Eddie	1	02/25/11 9:27:37 PM by Paul Whittaker
Landlord/Tenant dispute	David Nason	3	02/21/11 5:14:25 PM by Steven Falt
What do you burn	Steven Falt	9	02/21/11 5:02:39 PM by Steven Falt
picture I meant to add	David Nason	0	02/20/11 2:04:05 PM by David Nason
barometric draft control	Harry Kwasniewski	5	02/20/11 1:33:40 PM by Ian Myers

## WETBC – 2011 AGM & Courses

The WETBC AGM is being held in Kelowna BC on May 14, 2011 - 7PM to 9PM

Meeting and Dinner

Sandman Hotel & Suites, Kelowna, BC

### Courses

Several courses are also being held in conjunction with the AGM.

May 9 to May 11 = 3 day WETT Code Compliance

May 12 to May 13 = 2 day WETT Wood Burning course

May 14 = 1 day WETT "SITE Basic" course in Kelowna = \$280.00

May 15 = 1 day COHA (Canadian Oil Heat Association) - Oil Inspection course

Monday, May 16 to Tuesday, May 17 = 2 day WETT Chimney Sweep course

For complete information please visit [www.wetbc.ca](http://www.wetbc.ca) or call (604) 941-417

## Important Notice

WETT certified personnel are NOT, with the exception of municipal inspectors, the Authority Having Jurisdiction. Therefore, if an area requires that a permit be pulled for the installation or repair of a solid-fuel-burning-appliance we cannot tell clients that they do not need a permit because we can do a WETT inspection for them afterward. Doing this is essentially asking the homeowner to break the law and, should a problem ensue, they may not have insurance coverage.

Please note also that there is no such thing as a WETT inspection, nor can any appliance be WETT certified. What is issued is an inspection report, not a WETT certificate.