



Memorandum

Date: March 27, 2009

TO: NFRC Laboratories and Inspection Agencies

FROM: Scott R. Hanlon
NFRC Senior Programs Manager

SUBJECT: CPD Information

The following memorandum contains additional details regarding the NFRC Executive Committee memo, timelines for modifications to the CPD, and information on CPD processes.

NFRC Executive Committee Memorandum and timelines:

Item #1: All spreadsheets (CPD 1.0 and CPD 2.0) uploaded prior to January 16, 2009 shall be uploaded as CPD 2.0 sheets for any report type: new, revision, recertification, simple or complex addendums. Generally, this will be required for spreadsheets that have NOT been published and will be in conjunction with the list that the IA will be providing. (See item #2)

Item #2: This list that each IA will provide to the laboratories should include spreadsheets that have already been uploaded before the implementation of the Lab Report Test Tool and for product lines that have not been published or caused errors during processing. If there are any difficulties when attempting to gather information about any particular spreadsheet or product line status, please contact the NFRC for assistance.

Item #3: The following are details regarding CPD releases that will improve the processes and to handle the resource application issues as approved by the NFRC Alpha Team and the NFRC Executive Committee:

#	Task	Target Due Dates
1	Consumer Search Engine – deploy to new production server	Completion: 04/08/09
2	Lab Report test tool – deploy to new production server	Completion: 04/08/09
3	Edit Header Fields	Staging Deployment: 04/01/09 Production Deployment: 04/03/09
4	Streamline Acceptance Process	Staging Deployment: 04/01/09 Production deployment : 04/03/09

5	View Report Number Column	Staging Deployment: 04/01/09 Production deployment: 04/03/09
6	Lab Report test tool cancel feature	Staging Deployment: 04/01/09 Production deployment : 04/03/09
7	Uploading Large Spreadsheets	Staging Deployment: 04/08/09 Production deployment : 04/10/09
8	CPD 1.0 Addendum and Revision Improvements	Staging Deployment: 04/ 27/09 Production deployment : 05/01/09
9	Generate Large Product Lines – Archiving and Recertification efficiency improvements	Staging Deployment: 04/ 27/09 Production deployment : 05/01/09

The NFRC Alpha team and NFRC Staff will be reviewing and providing feedback when the modifications are posted on the staging site. Upon review and approval, the modifications will be posted to the production server.

Item #4: The NFRC will continue to provide support to CPD issues; so please continue to use the CPD issue form.

CPD Processes

Number of Decimals

One of the main goals of the CPD 2.0 was to eliminate incomplete data from entering the CPD. To achieve this goal, the CPD is designed to follow business rules very closely (requiring the uploading of a properly formatted spreadsheet) and by establishing the amount of decimals for each cell in the upload spreadsheet.

To support the labs to format a spreadsheet properly, the spreadsheet data check tool and Lab Report Test Tool have been enhanced to verify the spreadsheets are following the business rules. This has proven to be an essential tool in allowing the IAs to process the spreadsheet efficiently. There are however, still some spreadsheets which are uploaded with more than the required amount of decimals. This is something the check tools do not verify.

The amount of decimals listed in the spreadsheet's cell is vital, particularly when calculating the SHGC and VT values. This is also important when columns containing decimals are displayed on a Certification Authorization Report (CAR) and when these values are used for public searches. These requirements are listed in the following document, "NFRC Simulation Report Format Checking Requirements", which is available on the NFRC Website at <http://www.nfrc.org/CPDInfo.aspx> and was provided when the Lab Report Checking Tool was implemented. Please review the following instances to understand some of these issues.

Number of decimals when calculating SHGC and VT values:

There are instances when the simulation report and the CAR do not display the same final SHGC or VT value. This transpires when the amount of decimals listed in the spreadsheet is different then the amount of decimals used by the lab when calculating the SHGC and VT value for the simulation report. For example, the SHGC (cog) value for the spreadsheet contains 15 decimals and the SHGC (cog) value used by the simulation lab for the total SHGC value displayed in the simulation report is 3 decimals. The difference in the SHGC (cog) values can cause a total SHGC value difference by +/- 0.02. Therefore it is required that the values used for the spreadsheet and simulation report are calculated with the value that has the same amount of decimals and in accordance with the previously mentioned format checking document.

Information displayed on a CAR or used in the public search:

The following snapshot of a CAR displays the amount of decimals uploaded. NOTE: There are 15 decimals places listed for the Gap width, which is incorrect. The extra decimals will increase the size of the CAR in page length and also cause problems when any criteria containing a value with decimals are used during public searches.

Frame/Glazing	Glaz. Layers	Low-E (Surface)	Gap Width(s)	Spacer	Gap Fill	Grids	Dividers	Tint	U-Factor	SHGC	VT	Condens. Resist.
VYMI	2	0.042(2),0.022(3)	0.64173 2283464 567	A8-D	Fill 1: ARG/ AIR (90/1 n)	G	0.75	LE	0.31	0.22	0.38	58

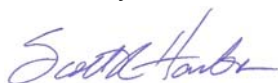
Difficulties uploading spreadsheets

For users that are having difficulties or problems properly uploading spreadsheets, for instance difficulty with complex addendums, please contact NFRC staff to support your needs. If required, NFRC Staff can provide additional training sessions.

NOTE: One of the items listed in the NFRC Executive Committee memo deals with staff will providing updated user manuals. Staff is currently revising the manuals and will provide the updated documents in conjunction with the production deployment timelines.

If you have any questions, please feel free to contact me at your convenience.

Sincerely,



Scott R. Hanlon
NFRC Senior Programs Manager