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## ASHRAE 90.1 - 2007 BUILDING PERMIT DOCUMENTATION REQUIREMENTS

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The intent of this Bulletin is to announce a change within the Building Permit process with regard to all new construction requiring compliance with ASHRAE 90.1 - 2007. Documentation resulting from this change in process will be accepted by the City of Vancouver starting January 20<sup>th</sup> 2012, and will be required documentation for Building Permit issuance for all applications with intake dates on or after March 1<sup>st</sup> 2012. For CP projects submitting for “full construction” stage on or after March 1<sup>st</sup> 2012, this new documentation will be required prior to issuance of “full construction” stage.

ASHRAE 90.1 - 2007 is an energy standard for buildings referenced by the Building By-Law (Division A - Part 1, Article 1.3.3.7). The Standard deals with Building Envelope, HVAC, Service Water Heating, Power, Lighting, Other Equipment, and includes specifics about the Energy Cost Budget Method modeling process. ASHRAE 90.1 - 2007 allows for compliance path options within specific sections, as well as a trade-off option between all sections.

The new process is meant to improve building quality assurance, data gathering, and permit process implementation, and has been developed with input from both AIBC and APEGBC. The new process can be found on the City of Vancouver website on the Development Services webpage. These documents provide specific information regarding the methodologies and options used to comply with ASHRAE 90.1 - 2007 requirements, general building envelope area and performance information, as well as trade-off and exempted assembly information. The process includes ASHRAE-generated documents, and a City-generated checklist outlining the documentation required at Building Permit stage. These City and ASHRAE-generated documents are digital and fill-able, and are meant to be submitted both in digital and hardcopy formats.

Additional information can be found on the City of Vancouver’s Development Services webpage (<http://vancouver.ca/commsvcs/developmentservices/subreq/index.htm>), including a tutorial file outlining the process, documentation, document properties, and procedures required to complete the submission process.

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