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OFFICE OF ADMINISTRATION * OFFICE OF MANUFACTURED HOUSING * OFFICE OF STATE FIRE MARSHAL

September 4, 2013

INSTALLATION MEMORANDUM UPDATE *to Installation Memorandum* *Published by the Department in August 2013*

The Department of Fire, Building and Life Safety (“Department”) appreciates the comments and feedback received on the most recent Installation Memorandum dated August, 15, 2013 and attached for your reference.

The Department is continuing its research on the intent and application of PVC water pipe as an appropriate application for a hot water heater drain pan discharge line for new manufactured homes. A separate notification will be sent to licensees and other interested parties at the conclusion of our research and prior to any change that may impact the current processes as they apply to manufactured homes.

Therefore, all the information provided in the Installation Memorandum published in August 2013 will become effective on September 15, 2013 except for the “PVC Pipe in a Water Heater Compartment” topic.

Thank you and please contact Jim Lang, Installation Manager for the Department, at (602) 364-0984 if you have any questions.



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August 15, 2013

INSTALLATION MEMORANDUM

At a recent Installation Inspector Meeting, the following topics were discussed and clarification is provided to licensees, contractors and industry members, as outlined below:

The Department will enforce the codes on these topics beginning September 15, 2013

TOPIC	EFFECTS	NEW CODE?	CODE REFERENCE	COMMENT
Footings partially on Existing Concrete Slabs and Partially on soil	Manufactured Homes	No	Manufacturers Installation Instructions <i>Note: Exception is Chariot Eagle</i>	All footings must be placed on same soil type (marriage line, perimeter support, etc.)
Water Shut Off Valve	Manufactured Homes & Factory Built Homes and Buildings	No	IPC 606.1(2)	Install a shut off valve where the water line enters the building
PVC Water Pipe	Manufactured Homes & Factory Built Homes and Buildings	No	IPC 605.3	PVC water pipe may be used up to the shut off valve where the water line enters the building
Duct Insulation R – Value for under home installations	Manufactured Homes	No	24 CFR § 3280.715	R-4
	Factory Built Homes and Buildings	No	IECC 403.2.1 IECC 503.2.7	R-6
Installation Certificate falls off and is unsightly	Manufactured Homes & Factory Built Homes and Buildings	No	Office of Manufactured Housing	You may place the certificate in the water heater room (<i>not on the water heater</i>) or inside the home next to the data plate after all inspections are complete.
2 Way Clean-out	Manufactured Homes & Factory Built Homes and Buildings	No	IPC 708.3.3	A 2-way clean-out is required after 45 degrees in turns within any 40 foot section.
Method of Transition from PVC Sewer Pipe to ABS Sewer Pipe	Manufactured Homes & Factory Built Homes and Buildings	No	IPC 707.1(5)	Use a mechanical fitting. Transition Glue is no longer an approved method.
PVC Pipe in a Water Heater Compartment	Manufactured Homes & Factory Built Homes and Buildings	No	IPC Table 605.4 IRC P2801.5.1 & 2	PVC water pipe not allowed for use in a building. Therefore, may not be used at water heater pressure relief valve or for drain pan discharge.
Special Event Buildings Electrical Connections	Factory Built Buildings	No	NEC 220.40	Wire size must meet or exceed the maximum load of the building.
Dryer Vents	Manufactured Homes	No	Manufacturers Installation Instructions	Transition vents may not be installed or used under homes. Follow manufacturers' instructions for under home venting.