

Mercury Regulator Removal Categories

Based upon a review of the mercury regulator replacement completion codes in our customer information system, over the past five years, Washington Gas has replaced approximately 12,000 mercury regulators, over 11,000 from our replacement program (#2). The reasons for these replacements fall into one of four categories:

- 1.) Regulator leaking – leaking from the body of the regulator (seam or inspection port threads), or the regulator is weeping (venting) out of the relief vent past the mercury overpressure protection
- 2.) Replaced according to WG practice as part of a proactive program to remove mercury regulators from service due to the environmental and human health risks associated with mercury. These replacements were primarily opportunistic, occurring during the course of other work (service replacement or meter work)
- 3.) Failed to hold set point or designated lock up pressure during testing associated with a service visit
- 4.) Improperly returned to service, typically by a plumbing / HVAC contractor working for the customer where the Mercury is spilled or forced out of reservoir

The removal by year/category is below:

October 2011 – September 2012

Category	Count
1	124
2	3086
3	20
4	70
Grand Total	3300

October 2012 – September 2013

Category	Count
1	121
2	2733
3	13
4	68
Grand Total	2935

October 2013 – September 2014

Category	Count
1	125
2	2076
3	10
4	52
Grand Total	2263

October 2014 – September 2015

Category	Count
1	143

October 2015 – September 2016

Category	Count
1	118
2	1124
3	10
4	51
Grand Total	1303