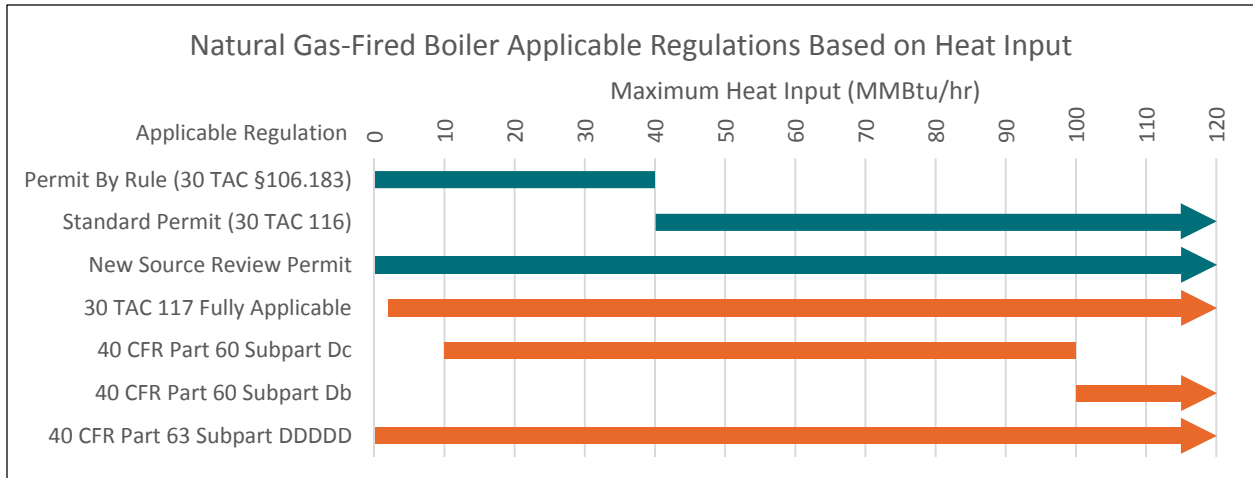


# Boiler Buyer Beware

*An environmental reference document for new boiler acquisition*



AUTHORIZATION COMMENTS	REGULATION COMMENTS
<p><b>Permit By Rule:</b></p> <ul style="list-style-type: none"> <li>No registration required, unless a certification of emissions is preferred (Fee: \$450).</li> <li>If boiler is &gt;10 MMBtu/hr, emissions of nitrogen oxides shall not exceed 0.1 lbs/MMBtu.</li> </ul> <p><b>Standard Permit:</b></p> <ul style="list-style-type: none"> <li>Permit application fee is \$900.</li> <li>Comply with emissions limits, stack height requirements, and perform initial compliance testing.</li> <li>If boiler is ≥100 MMBtu/hr, monitor and record fuel use, install CEMS, and submit annual reports.</li> <li>More extensive recordkeeping and monitoring.</li> <li>Subject to public notice.</li> </ul>	<p><b>30 TAC 117 Subpart D Division 1:</b></p> <ul style="list-style-type: none"> <li>Boiler exempt if ≤2.0 MMBtu/hr.</li> <li>Otherwise, subject to emission specifications, monitoring, testing, reporting, and fuel use recordkeeping.</li> </ul> <p><b>40 CFR 60 Dc (10-100 MMBtu/hr):</b></p> <ul style="list-style-type: none"> <li>Boiler exempt if &lt;10 MMBtu/hr.</li> <li>Otherwise, daily fuel use recordkeeping.</li> </ul> <p><b>40 CFR 60 Db (&gt;100 MMBtu/hr):</b></p> <ul style="list-style-type: none"> <li>Comply with emissions limits, and perform initial performance testing.</li> <li>Additional monitoring, recordkeeping, and reporting requirements depending on design.</li> </ul>

ADDITIONAL COMMENTS
<ul style="list-style-type: none"> <li>Maintenance, Startup, and Shutdown emissions must be authorized as well.</li> <li>For major sources, Title V OP-Notify and Title V Minor Modification must be submitted to incorporate the new Permit and related air quality applicable requirements.</li> <li>For a site that is major for HAP, any size boiler is applicable to 40 CFR Part 63 Subpart DDDDD. For new, natural gas-fired boilers, tune-ups are required at an interval specific to the heat input.</li> </ul>

