

# SDCI

# Director's Rule 05-2020

<b>Applicant:</b>  City of Seattle Department of Construction and Inspections	<b>Page</b>	<b>Supersedes:</b>
	<b>Publication:</b>	<b>Effective:</b>
<b>Subject:</b>  Emergency Shutdown Switch	<b>Code and Section Reference:</b>  2017 Seattle Boiler & Pressure Vessel Code Sec 4.18.5	
	<b>Type of Rule:</b>  Procedural	
	<b>Ordinance Authority:</b>  SMC 3.06.040	
<b>Index:</b>  Boiler & Pressure Vessel Code	<b>Approved</b>	<b>Date</b>
	_____ Nathan Torgelson, Director, SDCI	

## BACKGROUND

The State of Washington mandates emergency shutdown switches only for installations over 400,000 BTU/Hr. This rule will bring us in line with the State.

WAC 296.104.303

(1) All automatically fired boilers with input greater than 400,000 Btu/Hr, including electric boilers with input greater than 117 kW shall have a manually operated remote shutdown switch or circuit breaker. Activation of the emergency shutdown switch or circuit breaker shall immediately shut off the fuel or energy supply and initiate the boiler shutdown sequence in accordance with manufacturer's recommendations where applicable. The shutdown switch should be located just outside the boiler room door and marked for easy identification. Consideration should be given to the type and location of the switch to safeguard against tampering. If the boiler room door is on the building exterior, the switch should be located just inside the door. If there is more than one door to the boiler room, there should be a switch located at each door.

## **RULE**

### **2017 Seattle Boiler & Pressure Vessel Code**

**4.18.5 Emergency shutdown switch.** Automatically fired boilers exceeding 400,000 BTU/Hr input, or 400,000 BTU/Hr combined capacity in multiple boiler installations, including electric boilers exceeding 117KW, shall have an emergency shut down switch installed outside the boiler room, or in another location approved by the code official. If there is more than one door to the boiler room, there shall be a switch located at each door. The switch(es) shall allow shutdown of all boilers in the boiler room without having to enter the boiler room. The emergency shutdown switch(es) shall be suitable for the intended use and marked for easy identification.