

Aging conditions	Combustion devices	Test aspects
PAM chamber ($T \approx 38^\circ\text{C}$, RH = 20–25 %)	pellet boiler (PB)	EF _{ROS} of different burning regimes* (λ^{++} , λ^- , λ^{opt})
	moving grate boiler (MGB)	EF _{ROS} of full/partial load; with/without electrostatic precipitator (ESP)
	pellet stove (PS)	EF _{ROS} of different burning phases*
	log wood boiler (LWB)	EF _{ROS} of different burning phases*
	log wood stove 1 (LWS1)	EF _{ROS} of different burning phases*
	log wood stove 2 (LWS2) log wood stove 3 (LWS3)	EF _{ROS} of different burning phases* EF _{ROS} of different burning phases* EF _{ROS} of different burning phases* secondary ROS formation
PSI-MS ($\sim 7\text{ m}^3$) $T = -10$ or 15°C , RH = 50 %	log wood stove 4 (LWS4)	flaming phase, aging temperature; secondary ROS formation
PSI-SS ($\sim 27\text{ m}^3$) Ambient T (22.5°C), RH = 50 %	log wood stove 4 (LWS4)	flaming phase; secondary ROS formation