MFC II BOILER STARTUP FORM

*Please complete **ONE (1) form for each SITE** and return to AERCO for warranty validation within 30 days of start-up. After completion, e-mail this form to **Startup@AERCO.com**.*

Form Completed By:		Date:	

Installation Site Name:	
Street Address:	
City, State, Zip:	
AERCO Sales Rep:	

Company:	
Phone #:	
Startup Technician Name:	

Startup Tech is: ☐ ATT Technician ☐ AMT Technician ☐ Non-AERCO Trained Technician

	Mfg.	MODEL	Serial		
Boiler	AERCO	MFC II			
Burner	Weishaupt			Combustion Manager:	W-FM

Notes:

Gas Settings

		Servo Position		Flame	Input	Pressures					Combustion					
	Cal Points	Fuel (Deg)	Air (Deg)	Signal Strength	Gas Flow (CFH)	Inlet Gas Pressure (in W.C. or PSI)	Manifold (or Pilot) Pressure (in W.C.)	Fan Pressure (in W.C.)	Boiler Chamber Pressure (in W.C.)	Stack Pressure (in W.C.)	O_2 (%) ***1**	CO_2 (%) ***2**	CO (<100 ppm)	NO_x (ppm)	Room Temperature (°F)	Flue Gas Temperature (°F)
Light-Off	0															
Low Fire	1															
	2															
	3															
	4															
	5															
	6															
	7															
	8															
High Fire (W-FM50)	9															
High Fire (W-FM100, W-FM200	10															

***1** Minimum of 3% O_2 (for <30 ppm NOx burner, use 3.5% O_2) at rates greater than 50% input. Minimum of 4% O_2 (for <30 ppm NOx burner, use 4.5% O2) at input rates less than 50%.

***2** Maximum of 10.2% CO_2 at rates greater than 50% input. Maximum of 9.5% CO_2 at input rates less than 50%.

Head Position	
Low Gas Pressure Switch Setting	
High Gas Pressure Switch Setting	
Air Pressure Switch Setting	

Oil Settings

		Servo Position		Flame	Input	Pressures						Combustion						
	Cal Points	Fuel (Deg)	Air (Deg)	Signal Strength	Gas Flow (CFH)	Suction Side Pressure	Pump Pressure (PSI)	Return Pressure (PSI)	Fan Pressure (in W.C.)	Boiler Chamber Pressure (in W.C.)	Stack Pressure (in W.C.)	O_2 (%) ***1**	CO_2 (%) ***2**	CO (<100 ppm)	NO_x (ppm)	Smoke Number	Room Temperature (°F)	Flue Gas Temperature (°F)
Light-Off	0																	
Low Fire	1																	
	2																	
	3																	
	4																	
	5																	
	6																	
	7																	
	8																	
High Fire (W-FM50)	9																	
High Fire (W-FM100, W-FM200)	10																	

***1** Minimum of 3% O_2 (for <30 ppm NOx burner, use 3.5% O_2) at rates greater than 50% input. Minimum of 4% O_2 (for <30 ppm NOx burner, use 4.5% O_2) at input rates less than 50%. Smoke less than 1.

***2** Maximum of 13.5% CO_2 at rates greater than 50% input. Maximum of 12.8% CO_2 at input rates less than 50%. Smoke less than 1.

Head Position	
Minimum Oil Switch Setting	
High Oil Switch Setting	
Air Pressure Switch Setting	

Nozzle Brand	
Nozzle Size	
Nozzle Angle	