

Industry Process Requirements/Application Utilizing Amerair Products

	HPJ	MPJ	RFRP	RA	SDA	DI	DHX	WHX	WS	EC	FB	SA	HPJ	MPJ	RFRP	RA	SDA	DI	DHX	WHX	WS	EC			
Power																									Specialty Steel
Industrial Boiler	J			R	S	D		X	W				J	M		R							E		EAF Shop Pri/Sec
Utility Boiler		M		R	S				W				J	M		R									AOD Vessel
Municipal Solid Waste	J	M			S			X	W				J	M		R									Argon Stirring
Refuge Derived Fuel	J	M			S	D		X	W																
Fuel Handling	J	M	P	R	S	D	H	X	W	E	F	A	J	M		R									Mini-Mill
Rotary Car Dump	J		P										J	M		R									EAF Shop Pri/Sec
																									Ladle Furnace
													J	M		R									LMF/LRF
Integrated Steel Industry																									Cement Industry
Blast Furnace (Primary)								X	W				J	M		R									Kiln/Raw Mill
Casthouse (Secondary)	J	M											J						H						Clinker Cooler
Stack House	J												J												Separator/Finish Mill
Pig Caster	J												J												Ball Mill
Coke Plant													J												Coal Mill
Pushing	J								W				J												Material Handling
Material Handling	J						H		W				J												Silo Ventilation
Sinter Plant																									
Primary Windbox	J	M							W		F														Chemical Industry
Material Handling	J												J									W			Calciner/Kilns
BOF Shop													J									W			Spray Dryers
BOF Primary								X	W				J									W			Rotary Dryers
BOF Secondary	J	M							W				J												Material Handling
Iron reladling	J												J												Silo Ventilation
Slag Skimming	J																								
Desulfurizing	J												J		R				H			W	E		Minerals/Clay/Rock
EAF Shop	J	M		R									J							X	W	E			Calciner/Kiln
EAF Primary	J	M		R					W	E			J							X	W				Spray Dryer
EAF Secondary	J	M		R									J								X	W			Rotary Dryer
Ladle Furnace													J									W			Material Handling
LMF/LRF	J												J												Silo Ventilation
Caster	J																								
Alloy Feed System	J												J		R						X	W	E		Non-Ferrous Metals (Copper/Lead/Alum.)
Finishing													J												Cupola Melting
Hot Rolling Mill									W				J												Induction Melting
Scarfing	J								W				J									W			Reveratory Furnace
Grinding	J												J												Blast Furnace
Caster	J		R										J												Shakeout
													J												Sand Handling
													J												Grinding
													J												Aluminum Pot line
Pulp & Paper/Wood Prod												A	J												Pre-Bake Ovens
Hog Fuel Boiler	J								W																
Mud Lime Kiln									W																
Dissolving Tank									W																
OSB Dryer									W																
Lime Industry																									Ferrous
Kiln	J												J												Cupola Melting
Material Handling	J												J									W			Induction Melting
Silo Ventilation	J												J												Reveratory Furnace
													J												Shakeout
													J												Sand Handling
													J												Grinding

HPJ - High Pressure Pulse Jet
DHX - Dry Heat Exchanger

MPJ - Medium Pressure Pulse Jet
WHX - Wet Heat Exchanger

RFRP - Reverse Flow Rotary Pump
WS - Wet Scrubber

RA - Reverse Air
EC - Evaporative Cooler

SDA - Spray Dryer Absorber
FB - Fluid Bed

DI - Dry Injection
SA - Spark Arrestor