

## VELOCITY GENERALLY USED IN STEAM GENERATING SYSTEMS



NATURE OF SERVICE	VELOCITY (m/s)	
<b>AIR</b>		
AIR HEATER		
COAL-AND-AIR LINES, PULVERIZED COAL	15,2	22,9
COMPRESSED-AIR LINES	7,6	10,2
FORCED DRAFT DUCTS	7,6	18,3
FORCED DRAFT DUCTS, ENTRANCE TO BURNERS	7,6	10,2
REGISTER GRILLS	1,5	3,0
VENTILATING DUCTS	5,1	15,2
CRUDE OIL LINES (6 TO 30 IN)	0,3	1,8
<b>FLUE GAS</b>		
AIR HEATER	5,1	25,4
BOILER GAS PASSES	15,2	30,5
INDUCED DRAFT FLUES AND BREECHING	10,2	17,8
STACKS AND CHIMENEYS	10,2	25,4
<b>NATURAL-GAS LINES</b>		
LARGE INTERSTATE	5,1	7,6
INTERIOR PIPING	30,0	40,0
<b>STEAM</b>		
STEAM LINES		
HIGH PRESSURE	40,6	61,0
LOW PRESSURE	61,0	76,2
VACUUM	101,6	203,2
SUPERHEATER TUBES	10,2	25,4
<b>WATER</b>		
BOILER CIRCULATION	0,4	3,6
ECONOMIZER TUBES	0,8	1,5
PRESSURIZED WATER REACTORS		
FUEL ASSEMBLY CHANNELS	2,0	6,6
REACTOR COOLANT PIPING	12,2	18,3
WATER LINES, GENERAL	2,5	3,8