HF-311 MINIMUM THICKNESSES
HF-301.1 Ferrous Plates.

(a) Except as noted in (b) through (d), the minimum thickness of any ferrous plate, or pipe used in lieu of plate, under any pressure shall be 3/32 in. (2.5 mm).

(b) Plates that will be exposed to primary furnace gases shall be not less than 3/16 in. (5 mm) when exposed to primary furnace gases.

(c) Alloy steel plates listed in Table HF-300.1 (HF-300.1M) may be used when the following requirements are met:

(1) The material thickness of plates that will be exposed to primary furnace gases shall be not less than 3/32 in. (2.5 mm) when exposed to primary furnace gases.

(2) The material thickness of secondary flue gas heat exchanger surfaces shall be not less than 0.0394 in. (1 mm) for secondary flue gas heat exchanger surfaces.

(d) The minimum thickness of any tubesheet with tubes installed by rolling shall be 1/4 in. (6 mm).