

Wet FGD Slurry Guidelines



Guidelines

RPS A-150 and AA-Series pipe will provide excellent long-term service under the conditions listed below. Please contact RPS for recommendations where conditions are outside these guidelines.

Absorber Recycle Slurry:

10 - 20% Solids by Weight

Particle Size = mean 40 – 70 microns
= 97.5% < 150 microns
= 100% < 200 microns

Velocity: 3.0 - 3.5m/sec. (10 - 12 ft./sec.)

Limestone Slurry:

30 - 35% Solids by Weight

Particle Size = mean 40 – 70 microns
= 97.5% < 150 microns
= 100% < 200 microns

Velocity: 2.5 - 3.0 m/sec. (8 - 10 ft./sec.)

Gypsum Slurry:

35 - 50% Solids by Weight

Particle Size = 100% < 200 microns

Velocity: 2.5 - 3.0 m/sec. (8 - 10 ft./sec.)

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