

ABRASIVE BLAST CLEANING ANALYSIS

ABRASIVE OPERATING MIX

The proportion of the various size particles making up the abrasive operating mix is extremely important and close attention should be given to the proper operation of the separator and dust collector systems.

POOR OPERATING MIX WILL INCREASE CLEANING COSTS

Operating Mix Problems

1. Too many large particles in operating mix:
 - a. Not making regular abrasive additions each shift.
 - b. Excessive air pulling large abrasive out of separator or into dust collector.
 - c. Abrasive being carried out with work.

2. Too many fines in operating mix:
 - a. Insufficient air pulling fines out of separator.
 - b. Not making regular abrasive additions each shift.
 - c. Adding floor sweepings in larger quantities.

Waste Discard Problems

1. Losing usable abrasive through separator discard:
 - a. Excessive air pulling large abrasive out of separator.
 - b. Not a full curtain of abrasive in separator.
 - c. Holes, worn shed plate or swing baffle.

2. Usable abrasive in dust collector:
 - a. Excessive air draw.
 - b. Air expansion trap not working.
 - c. Worn baffle.