

E1 - Grit Dewatering

ACE Gritter

Automatic separation of grit from pumped flow.

PROCESS INPUT:

Grit in suspension removed from main process stream.

PROCESS OUTPUT:

Effluent with grit removed returned to main process stream.

BY-PRODUCT PRODUCED:

Grit containing up to 20% water and 10% process solids.

SERVICES REQUIRED:

N/A.

CAPACITY RANGE:

2 - 8 l/s.

TYPICAL ELECTRIC MOTOR DRIVE SIZES:

0.25kW.

Grit dewaterer designed to receive grit pumped in suspension from the main process stream.

Flow enters the main reception chamber where grit is allowed to settle while the main stream flows over side weirs and is returned to the process stream.

Once the grit pump stops delivering, a scraper arm pushes the grit up to a discharge chute.

Liquid drains out of the grit bulk back to the flow, allowing grit to be collected and processed in a dewatered state.



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