


BEST PRACTICE

LOCATION: Wharf
ACTIVITY: Production and Processing
SUB ACTIVITY: Aggregate processing
BEST PRACTICE No: BP161

ARTICLE YEAR: 2001
COMPANY: United Marine Aggregates
COMPANY LOCATION: Greenwich Wharf, London
COMPANY TEL: 0208 305 0978

TITLE

 On Video

Mechanical scoop belt-sampler

ARTICLE

United Marine Aggregates at Greenwich Wharf carries out daily routine testing of aggregates being loaded into rail wagons. To facilitate regular joint sampling with rail-fed customers, remotely behind safety guarding, a robust pivoted sampling scoop was designed and installed.

Samples can now be taken from the moving conveyors, by lowering the scoop (pivoted centrally) into the stream of moving material, then pivoting the device, thus sliding the sample down the short integral chute into a sampling bag on the ground, thereby minimising manual handling. The ease of use of the finished device has increased customer confidence in the conformance of the end product.

ARTICLE IMAGES



Mechanical scoop belt-sampler