



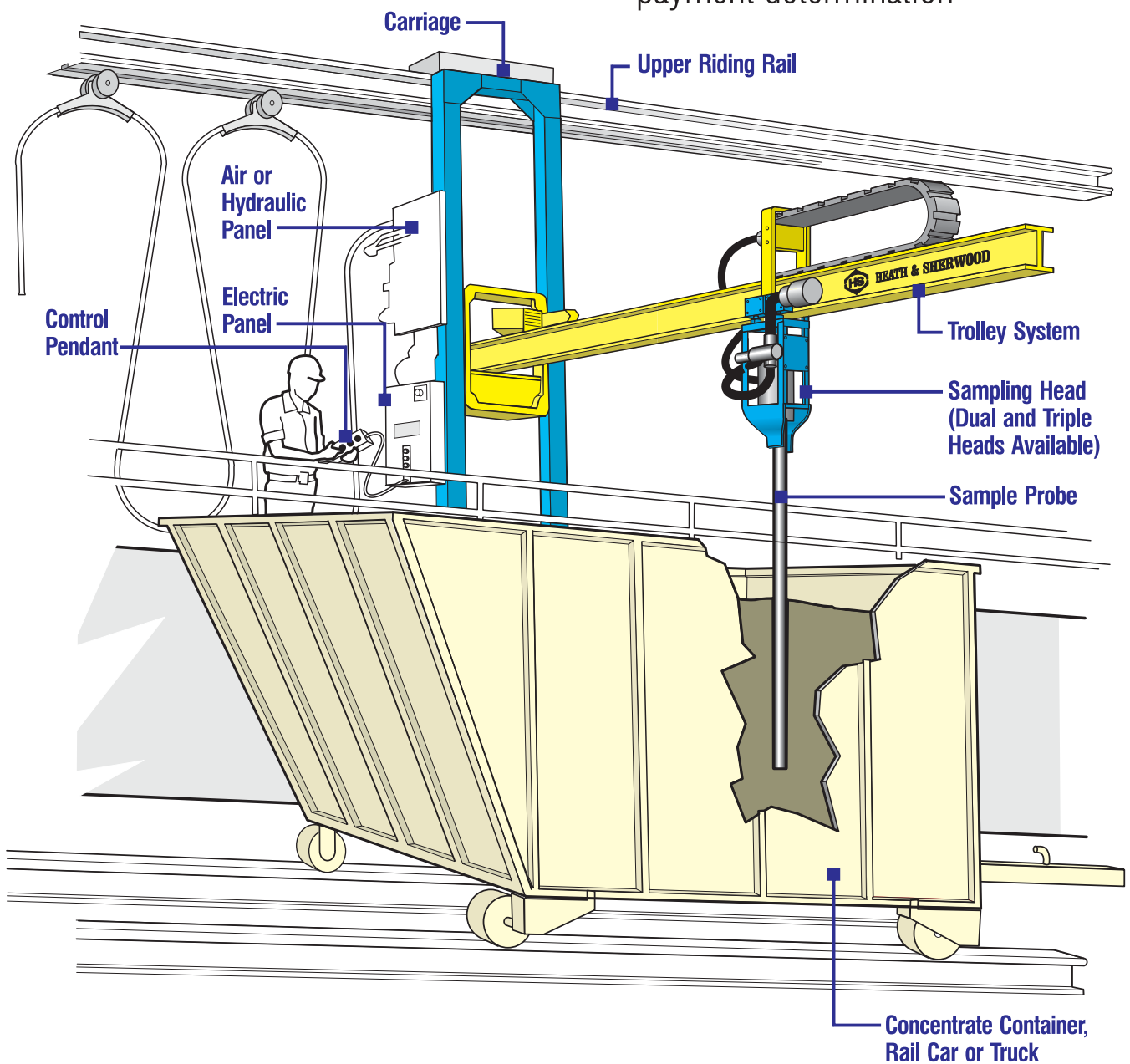
HEATH & SHERWOOD

bulk product sampler

Economical, safe and consistent sampling of rail cars, trucks and containers

Sampling of bulk mineral concentrates and powders

- smelter reception
- shipping terminals
- payment determination



bulk product sampler



description

The Bulk Product Sampler (BPS) is based on Heath and Sherwood's experience with other successful designs in operation. The BPS has been developed to meet the need for an easy to install, simple to operate,

economical and safe alternative to labour-intensive methods.

The BPS uses crane-like conveyances for positioning the sampling probe(s) over a container, and either plant air or on-board hydraulics to

lower into and then raise the sampling probe out of the concentrate.

Sampler movements are controlled by one operator using a hand-held pendant. Various automated versions are available.

specifications

Power Requirements

- Electrical:
 - 575 VAC (460 VAC optional)
 - 3 phase power 30 amp
- Pneumatic: 100 psi plant air @ 100 scfm (not required for optional Hydraulic Tamping Head)

Field Enclosure

- NEMA 4 standard
- optional NEMA 4x

Send Us Information on the Material

- particle size
- % moisture
- number of increments required per truck, rail car or container
- sample quantity required per truck, rail car or container

Send us Information on the Bulk Container/Area

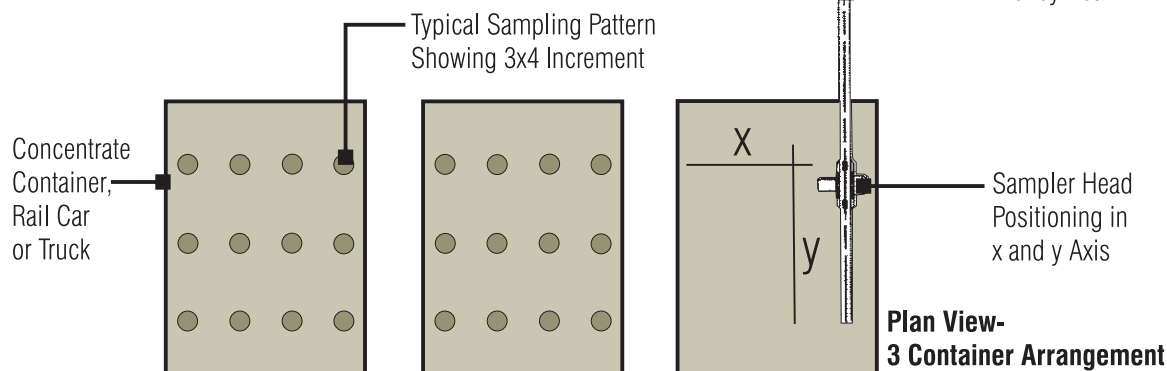
- truck, rail car, container dimensions
- quantity per day or shift
- concentrate depth
- ambient temperature



typical grid type sampling pattern

Speed

- 1 increment per minute with single head (load to unload)
- 3 increments per minute with triple head



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