

Materials Handling

A Complete Service to Industry ... with over 60 years of experience, Don Valley have established a high reputation as Designers and Manufacturers of systems for the handling, transportation, storage, reclamation and beneficiation of most bulk products.

Manufacture ... Don Valley's head office and workshops are located on our Doncaster site at Sandall Stones Road. The site contains a considerable amount of covered storage for the housing of our extensive spare parts holding and contract items requiring storage prior to delivery to site. Generally the nature of design and build contracts dictate that the bulk of fabricated steelwork is prepared and delivered directly to site for installation after being inspected for accuracy and quality. Where items require pre-assembled prior to delivery to site they are received into our works, inspected, assembled and tested before delivery.

Installation and Commissioning ... most work is carried out by Don Valley Engineering Construction Ltd's own erection personnel and close site supervision is maintained throughout all contract periods to ensure customer satisfaction. When required specialist equipment manufacturers representatives are subject to the same strict standards.

Quality Control ... Don Valley Engineering Co Ltd is has been assessed and registered by the National Quality Assurance Ltd (NQA) against the provisions of :-

BS EN ISO 9001:2000



Radial Stacker
Delivering up to 2800 t.p.h.
minus 254mm Limestone



Mine Waste Handling System.
Pumping -50mm Solids and Tailings over
a distance of 2 km.



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ECIA
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Industry Association

MEMBER OF



BREWING, FOOD & BEVERAGE
Industry Suppliers Association

A MEMBER OF

chamber

Vat No. GB 181493745



CERT. NO 6204

Bulk Materials Handling



PRIMARY CRUSHING AND SCREENING PLANT.

4000 t.p.h. Run of quarry limestone fed by dumper truck through a primary gyratory crusher. Material is then roll screened and conveyed to two different types of stacker. When reclaimed the material is conveyed to the existing secondary plant.



PRIMARY CRUSHING AND SCREENING PLANT.

A 150 tonne dump truck delivering its load of Run of Quarry Limestone directly into the feed hopper of a 60" Primary Gyratory crusher set to size at 300 mm. The discharge rate of sized stone is 4000 tonnes per hour.



SECONDARY CRUSHING AND SCREENING

Rated at 250 t.p.h. limestone is crushed via secondary crusher and screened to give the following size distribution via three Don Valley Screens. -40mm, -28mm, -20mm, -14mm, -10mm, -6.3mm and -3.35mm.



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Bunkers & Bulk Storage



Coal Handling at a Cement Works (Showing Blending & Storage Silo's)



Graded Stone Storage Bunkers



**2000 Tonne Capacity Rapid Loading Bunker
Tripper Loading Conveyor**



**2000 Tonne Capacity Rapid Loading Bunker
Hydraulically Operated Clamshell Doors**



P.F.A. Blending & Storage Bunkers



2000 Tonne Capacity Rapid Loading Bunker



Lorry Loading Bunker

Stacking & Stockout



Radial Stacker
Delivering up to 2800 t.p.h.
minus 254mm Limestone



Radial Stacker Delivering up to 2800 t.p.h.
minus 254mm Limestone



2800 t.p.h. Coal Stockout Conveyor



48 metre span stockout bridge delivering
washed coal to stockpile.



48 metre span stockout bridge delivering
washed coal to stockpile.



500 t.p.h. Radial Stacker delivering
washed coal to stockpile



500 t.p.h. Radial Stacker delivering
washed coal to stockpile

Materials Processing & Water Treatment



1000 t.p.h. Limestone Washing Plant treating minus 300 mm limestone through twin scrubber barrels.



Limestone Washing Plant during construction.



Mine Waste Handling System. Pumping -50mm Solids and Tailings over a distance of 2 km.



Two no. thickeners to handle fines from the Limestone Washing Plant.



Filter Press House. Used for waste water clarification and the separation of Washery Tailings



Filter Press House. Used for waste water clarification and the separation of Washery Tailings