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- POWER UTILITY
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## SPEC SHEET

# Coal Reclaim Tunnel Ventilation Application

*Air Handling and Cleaning System*



Coal Reclaim Tunnel



Englo Type 27

## Englo Global Tunnel Ventilation & Extraction Systems

*New Technology for  
an Age Old Problem.*



Coal reclaim tunnels may present hazardous conditions due to excessive levels of fugitive coal dust and methane gas that escape from the coal conveyors during the handling process. Ventilation fans may sometimes be used to ventilate these tunnel areas, but will not remove the airborne dust particles before they enter the atmosphere. Dry collectors become inadequate as the dust particles may be wetted, clogging the bag filters, and preventing them from pulse jetting clean. This in turn reduces the air volume within the tunnel and adversely affects the ventilation process. Powder River Basin coal users have a potential explosive risk due to the spontaneous combustion effect of wet PRB coal dust in bag-house collectors. The Englo Dust Extractor System eliminates this risk and provides a solution to the other problems that have plagued coal handlers for many years. Wetted dust particles do not hinder the effectiveness of the Englo Extractor. Its **"Easy Clean"** extraction panel allows it to maintain consistent air volumes within the tunnel, and its high extraction efficiency enables the Englo Extractor to meet stringent EPA requirements for exhaust ventilation. The Englo Extractor provides a much safer and attractive alternative to conventional tunnel ventilation practices.

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