



***"Cleaner and
Greener for the
Next Generation"***



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Air Handling and Cleaning Systems



OUR HISTORY

Englo Dust Extraction Technology started out in the underground coal mining industry. It is while working in the coal industry that they made their greatest transformation by addressing the needs of customers with a desire for a safer means to manage and control combustible coal dust. Today Englo Dust Extractors are used worldwide for Mining, Power Utility and Heavy Process Industries. Englo specializes in the safe control of combustible dust and in fact The Englo Dust Extractor is considered to be one of the safest and most reliable dust extraction systems available on the market today. According to the Environmental Protection Agency Part II 40 CFR 60 Standards of Performance for Coal Preparation and Possessing Plants; Proposed Rule, Englo is considered Best Demonstrated Technology (BDT), and has a lower cost than conventional dry collection systems. Englo Dust Extraction and its highly experienced team have met the challenges set forth by MSHA, OSHA and the EPA to address the needs of its customers to better manage fugitive combustible dust.

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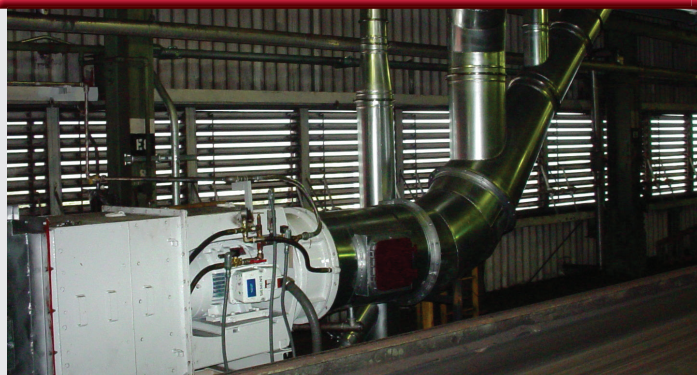
COAL TRIPPER & BUNKER ROOM



Englo Type 30 - Coal Reddler Deck



Englo Type 27 - Silo Dust Control



Englo Type 33 - Cascade Conveyor & Silo Ventilation Dust Control



Englo Type 33 - Cascade Conveyor Dust Control



Many coal fired power plants have to deal with dust problems within their coal bunker or tripper rooms due to the material handling process. Fine fugitive coal dust enters the room as the coal silos or bunkers are being filled. Additionally the problem is compounded when the plant uses dry collectors that pneumatically convey or discharge fine "Collected" dust back into the storage silos or bunkers through return lines. Recovering this extremely fine coal may require the use of compressed air. Adding air into the process of the line with coal being returned to storage may cause over pressurization and lead to dust leakage into these rooms. Safety within these rooms are further compromised when "Dry" collectors are located inside the building, or in close proximity to this process.

Englo dust extractors provide a much safer alternative by eliminating the explosion risk associated with dry collectors. Many times the Englo dust extractor can be located close to the dust source, minimizing the amount of duct work that is needed to do source-point capture of fugitive dust particles. Englo dust extractors provide exhaust ventilation and dust capture in the silos or bunkers, and can also extract the fugitive dust at each of the conveyor transfer points without the nuisance created by dust return lines. The compact advantage of the Englo units can allow for single or multiple units to be located inside the room close to the dust source for efficient and safe dust control.

Englo Dust Extractors = a safer method to control fugitive dust in coal bunker rooms.

