



# Wright Rain

## PORT OF TYNE - DUST SUPPRESSION CONTRACT

Wright Rain Ltd are delighted to have been awarded a substantial contract to provide a suppression system for the control of coal dust at the massive Port of Tyne complex in Newcastle.

For years coal has been imported into the UK. Arriving daily in huge ships from various countries including Russia, Venezuela and Colombia, much of this cargo is discharged at the Port of Tyne dockyard before being transported by train onward to power stations throughout the UK. The speed of turnaround is impressive but this has in turn produced dust problems made worse by the make up of tiny particles of coal which have a tendency to drift skywards very easily, especially in dry windy conditions. This had become a major concern for the port authorities in particular because of the effects to other activities within the general dock area.

Port of Tyne Development Engineer Kevin Emmett was tasked with finding a solution to the problem. *"It is important that we manage a fast distribution offer to our customers"* said Kevin. The huge volumes of coal arrive at the complex and are then unloaded and transported by high speed conveyor belt before being dropped into nine 60,000 ton stock piles. The conveyor, which is nearly a quarter of a mile long, is capable of moving coal at 2,000 tons per hour at speeds of 3.5 metres per second. *"As you can imagine"* commented Kevin *"Dry windy days in particular can cause severe dust problems which on occasion can be very troublesome to our immediate neighbours as well as to the surrounding area"*

Wright Rain were consulted and using their in-house technical team, were able to offer a solution by design. Kevin, who had previously been impressed with Wright Rain system installations at Immingham and Bristol docks, said *"Wright Rain offered the professionalism and expertise that a contract of this magnitude demanded and they delivered just that"*. Wright Rain Managing Director Michael Knight said that they are delighted to be involved in the Port of Tyne project. *"We are recognised as being the front runners in the art of dust suppression"* said Michael echoing previous comments that establish quality benchmarks throughout the industry *"We have designed, provided and installed dozens of benchmark systems throughout the whole of the UK. Our solutions offer dust suppression control for any number of challenges including coal, aggregates, quarries, crushing and recycling. We also offer wheel wash solutions to suite all roadway and site exit requirements"*

For enquiries regarding any form of dust suppression please contact the friendly Wright Rain team on **01425 472251**