

'Plug and play' loading chute at cement terminal

Recently Cimbria Bulk Equipment, Sunds, Denmark, was contacted by Aalborg Portland A/S, a worldwide leader in the white cement industry. The company needed a solution for its new outloading station in Korsør, Denmark. The station is unmanned and Aalborg Portland required autonomous outloading equipment that is easy to operate for the truck drivers. The answer was the installation of a 'plug and play' system from Cimbria consisting of a Moduflex F300 loading chute. The chute is constructed with an integrated fully self-contained filter system that is equipped with its own fan with regulating valve and pressure tank ensuring that the filter is continuously kept clean.

By means of standard parts the chute has been customised to allow it to meet the user's specific needs. It has been equipped with two NPG modules which have a working range of up to 130°C, good wear protection qualities and a high degree of chemical resistance. In order to ensure virtually complete dust-proof outloading, the chute was supplied with a FlexSeal, an inflatable seal mounted on the chute outlet for road tanker loading which ensures an active sealing between chute outlet and road tanker inlet. Furthermore, the chute is supplied with FlexClose in order to avoid dust emission when the chute is being retracted. www.cimbria.com