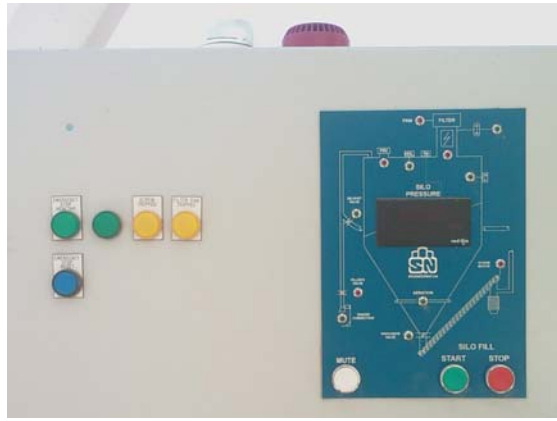


Silo Protection Systems.....striving for safer working practises!!



SN Engineering Ltd. introduce their latest generation of Silo Protection Systems (**SPS**) to meet the ever growing need for save filling & monitoring of bulk storage silos during the pneumatic transfer of powders / granules or pellets from road or rail tanker into the silo.

No longer is it OK just to have a filter of some description / condition on top of the silo to comply, companies must now ensure, and may be called upon to prove, that not only do they have a Silo Venting Filter on the silo.....which has to be suitably sized for the application and in good

working order.....but must now include for emergency pressure relief (PRV valve) alongside a product High Level device.

For extra safety and following HSE recommendations all of the above equipment must now be complimented with the fitting of a silo pressure sensor combined with an automated fill pipe shut of valve. This valve is activated from signals received from either the high level device & / or the pressure sensor to ensure the silos being filled can not be over filled with product nor over pressurised during the filling cycle.



SN Engineering personnel have a wealth of experience in this field and can call upon their in-depth design knowledge of some of the first ever SPS panels introduced into the UK market. A fairly basic, yet robust unit, many of which can still be found installed & working now.....some 15yrs+ since conception.



Things have moved on since then, the introduction of pressure sensing & monitoring, the involvement of the HSE to overview this potentially dangerous & widespread requirement, to advances in technology all culminate in today's latest generation of fully automated silo safety protection & monitoring equipment.

SN Engineering offer a wide range of systems, from the basic single silo SPS to the fully automated, multi silo filling & discharge monitoring panels. Combined with our own, stocked, PRV ; Pressure Sensors & product High Level probes (with ground test facility) enables clients to single source the complete systems. We also offer silo fill pipe shut-off valves & actuators c/w limit switches for the more common 4" & 6" fill pipes, again from stock. Other sizes are also available, most of which are held in stock.



For further information please feel free to contact SN Engineering.....we're here to help !!.....

Some samples of other control / monitoring panels build & supplied by **SN Engineering Ltd.**

