

Granulated Sugar Processing

935EX Blower

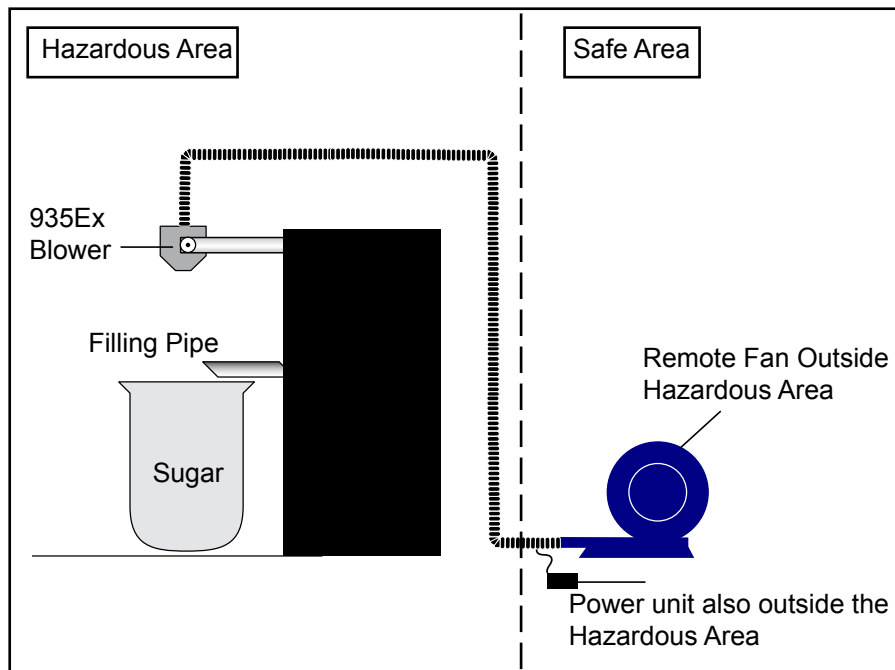


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Problem

Highly charged sugar particles falling freely through air can cause the following problems:

1. Contamination of the filling area by highly charged sugar dust.
2. Painful static shocks to operators.
3. Attraction of other particles to the charged sugar causing contamination.
4. Static discharge in a potentially hazardous area. Sugar refineries are renowned as potential dust explosion hotspots.



Solution

Position a Model 935EX Hazardous Area blower above the filling station as shown. This will prevent the build up of static charges and thus solves the problems outlined above.

NOTE: EX POWER UNITS AND AIR SUPPLY FANS MUST BE SITUATED OUTSIDE THE HAZARDOUS AREA.

Model 935EX Blowers utilize model 915EX ionising bars certified for use in hazardous areas by Baseefa to comply with Article 9 of the Council Directive 94/9/EC (ATEX) under EC Type Examination Certificate No. : Baseefa04ATEX0347X



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Gas Group IIA, Temp Class T6 (T85°C), T amb -20 to +35 Deg C. (IP65)

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