

SECTIONS OF THE STATION

The special gas station may have following sections:

- 1- Pig receiver station,
- 2- Slag catcher section,
- 3- Slag collection, manipulation facilities, condensate burning pit,
- 4- Classical Filter/Separator section,
- 5- Metering Station,
- 6- Pig launcher station,
- 7- Control system,
- 8- Gas analyzing facilities,
- 9- Site construction and other facilities acc. to local regulations

Except item 2, 3, 7 and 9, all other items are optional according to the need of the customer.

TECHNICAL DATA OF THE SLAG CATCHER

Size	: can be constructed in any size and pressure class
Need for external energy	: No
Consumption material	: No
Pressure drop across the slag catcher	: max. 0,3 bar

CONTACT

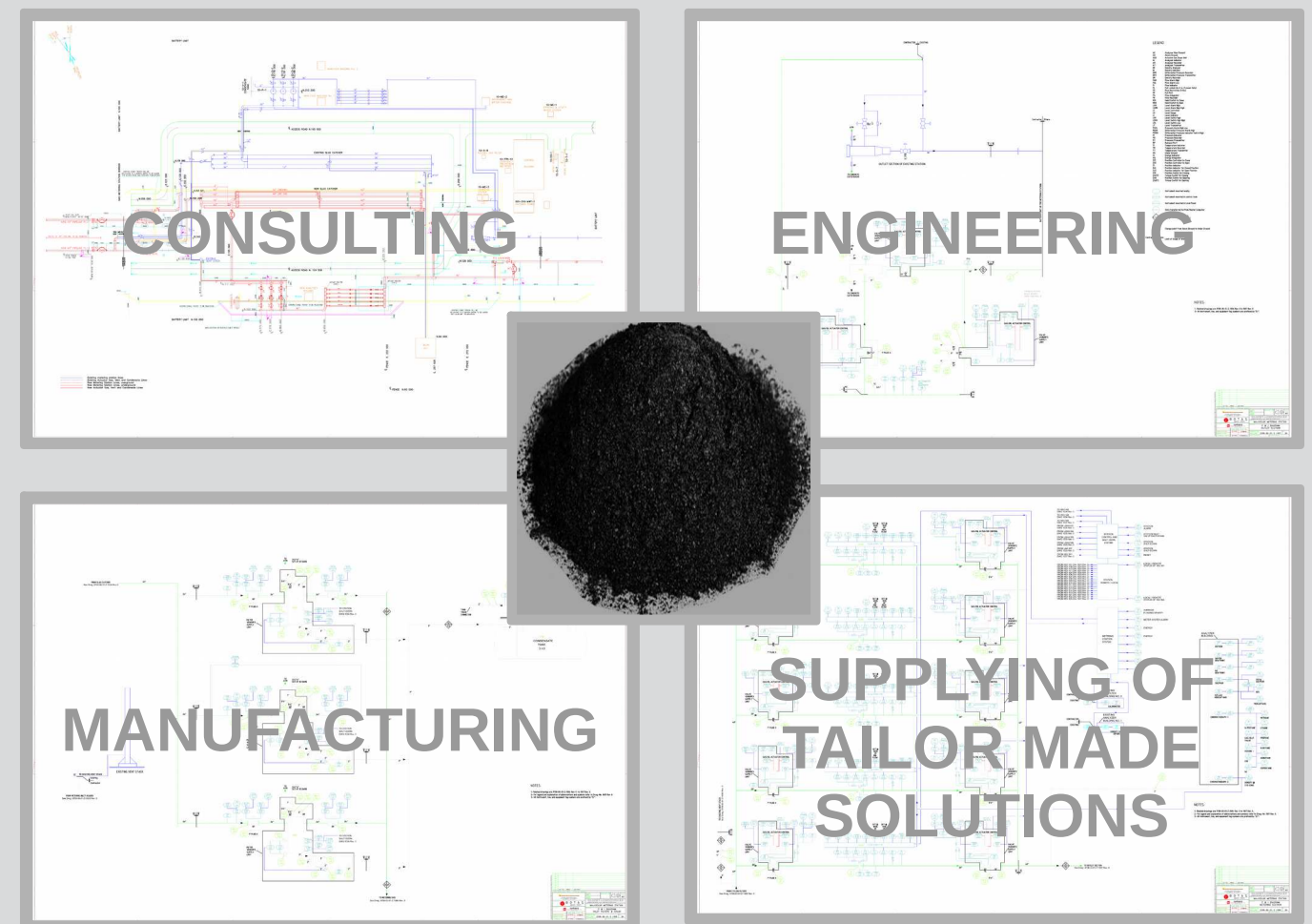
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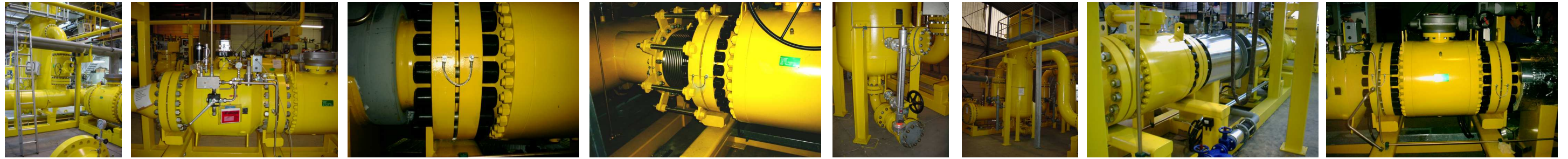
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GAS SLAG CATCHER SYSTEMS





GAS SLAG CATCHER SYSTEMS

An absolute must for long distance pipe lines!

A State of the Art Know-How of the Zanni-Technologies for separation of the impurities in gas transport lines

Gas pipeline operators know very well that the gas arrives the destination together with a lot of impurities: solid particles and condensate. Therefore, each gas facility has a section at its inlet part to separate these impurities: basing on the degree of impurities some facilities have only a filter/separator section while others have additionally a scrubber or KO Drum or Knock Out Drum. The latter three are the same, but everybody uses one of these descriptions optionally in the meaning of separator.

Generally, a.m. measures are enough to clean the gas from its normal impurities and operation of the gas cleaning section of gas facility stays in the acceptable range of consumption material costs. This cost here is consisting of consumption of filter cartridges, condensate discharging costs and related maintenance costs.

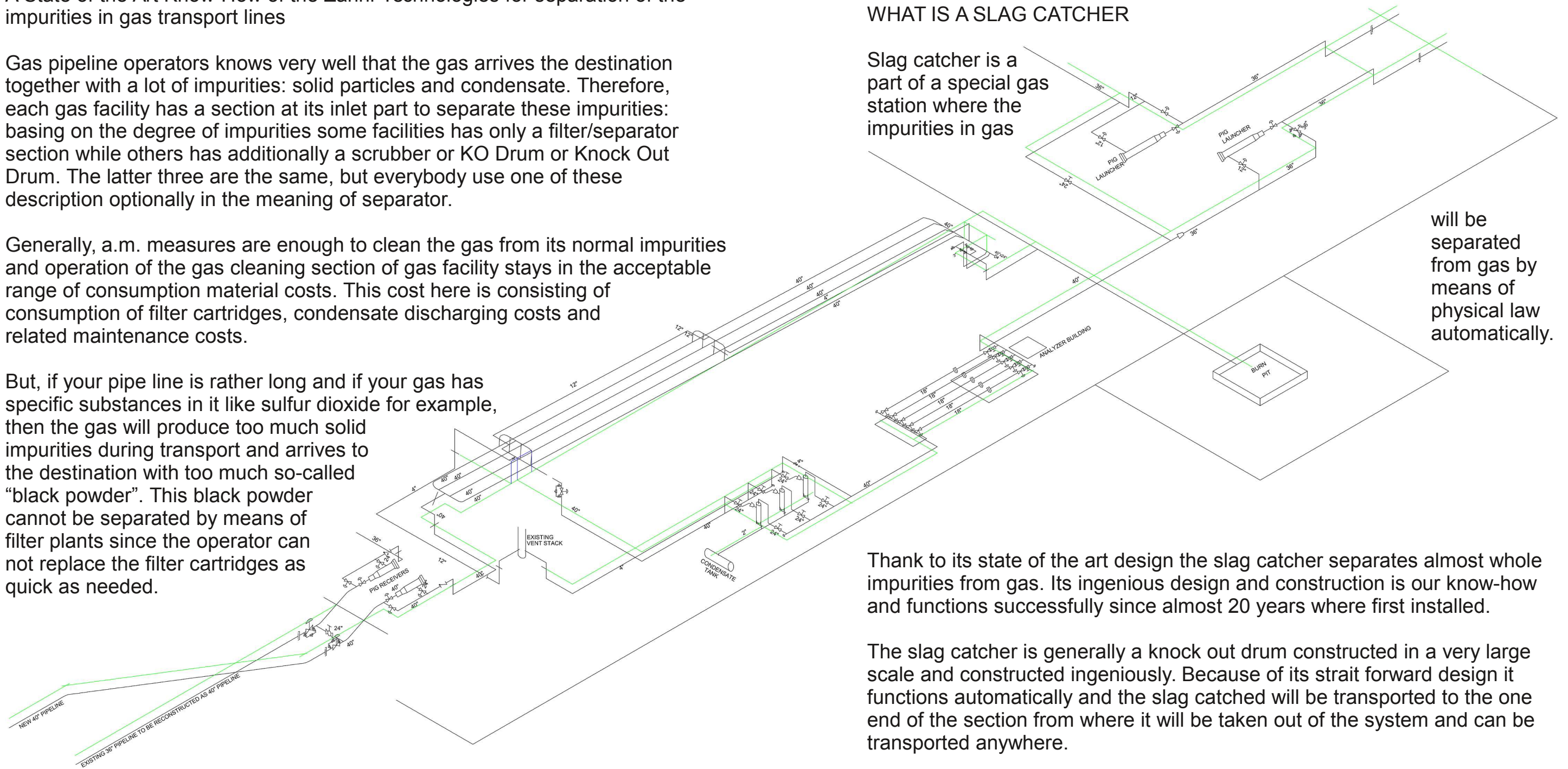
But, if your pipe line is rather long and if your gas has specific substances in it like sulfur dioxide for example, then the gas will produce too much solid impurities during transport and arrives to the destination with too much so-called "black powder". This black powder cannot be separated by means of filter plants since the operator cannot replace the filter cartridges as quick as needed.

As a result, this black powder must be separated by means of a natural physical way that functions automatically and this must cost as low as possible: This is Zanni Technologies' SLAG CATCHER.

WHAT IS A SLAG CATCHER

Slag catcher is a part of a special gas station where the impurities in gas

will be separated from gas by means of physical law automatically.



Thank to its state of the art design the slag catcher separates almost whole impurities from gas. Its ingenious design and construction is our know-how and functions successfully since almost 20 years where first installed.

The slag catcher is generally a knock out drum constructed in a very large scale and constructed ingeniously. Because of its straight forward design it functions automatically and the slag caught will be transported to the one end of the section from where it will be taken out of the system and can be transported anywhere.