

# EXPLOSION PROTECTION QUESTIONNAIRE

## HRD BARRIER - EXPLOSION ISOLATION SYSTEM

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### CUSTOMER DATA

COMPANY

VAT

CONTACT PERSON

Phone number

E-mail

### PROJECT DATA

PLACE OF DELIVERY (CITY, COUNTRY)

PLACE OF INSTALLATION (CITY, COUNTRY)

Location of the pipeline

☐

inside

☐

outside

Is there explosion protection (venting, suppression) on the protected device?

☐

yes

☐

no

### PRODUCT (DUST) SPECIFICATION

Name

 $K_{St}$  [bar.m/s]

MIE [mJ]

Metallic dust

☐

yes

☐

no

 $P_{max}$  [bar]

MIT [°C]

### EQUIPMENT SPECIFICATION

Protected equipment

Equipment tag / ID number

Duct diameter - inlet [m]

Duct diameter - outlet [m]

Duct length - inlet [m]

Duct length - outlet [m]

Operating temperature - minimum [°C]

Operating temperature - maximum [°C]

Ambient temperature - minimum [°C]

Ambient temperature - maximum [°C]

Maximum positive pressure (overpressure) [bar]

Maximum negative pressure (vacuum) [bar]

Ex Zone - inside

Ex Zone - outside

Pressure resistance [bar] -  $p_{red}$ 

Process characteristics and properties behavior

Comments and additional information