

Date:		Phone:	
Person responsible:		E-Mail:	
Customer/operator:			

	Conditions inside (conveying medium)		Conditions outside (ambient medium)	
Exact composition of the medium	Name or chemical formula		Name or chemical formula	
Conveying / Ambient medium (composition)	<input type="checkbox"/> Gas (G) <input type="checkbox"/> Dust (D) <input type="checkbox"/> Gas/Dust (G/D)		<input type="checkbox"/> Gas (G) <input type="checkbox"/> Dust (D) <input type="checkbox"/> Gas/Dust (G/D)	
Zone	<input type="checkbox"/> 0 / 20 (not available) <input type="checkbox"/> 1 / 21 <input type="checkbox"/> 2 / 22 <input type="checkbox"/> -		<input type="checkbox"/> 0 / 20 (not available) <input type="checkbox"/> 1 / 21 <input type="checkbox"/> 2 / 22 <input type="checkbox"/> -	
Temperature	min. inlet T. _____ °C max. outlet T. _____ °C		min. surroundings T. _____ °C max. surroundings T. _____ °C	
Ignition temperature	_____ °C		_____ °C	
Maximum surface temperature	<u>gases/vapours/mists</u> <input type="checkbox"/> T1 (450°C) <input type="checkbox"/> T2 (300°C) <input type="checkbox"/> T3 (200°C) <input type="checkbox"/> T4 (135°C) <input type="checkbox"/> T5 (100°C) <input type="checkbox"/> T6 (85°C)	<u>Dust</u> Ignition temperature: T _____ °C	<u>gases/vapours/mists</u> <input type="checkbox"/> T1 (450°C) <input type="checkbox"/> T2 (300°C) <input type="checkbox"/> T3 (200°C) <input type="checkbox"/> T4 (135°C) <input type="checkbox"/> T5 (100°C) <input type="checkbox"/> T6 (85°C)	<u>Dust</u> Ignition temperature: T _____ °C
Explosion group	<input type="checkbox"/> IIA <input type="checkbox"/> IIB <input type="checkbox"/> IIC	<input type="checkbox"/> IIIA <input type="checkbox"/> IIIB <input type="checkbox"/> IIIC	<input type="checkbox"/> IIA <input type="checkbox"/> IIB <input type="checkbox"/> IIC	<input type="checkbox"/> IIIA <input type="checkbox"/> IIIB <input type="checkbox"/> IIIC
Pressure	suction pressure _____ mbar			
Operating point	max. increase in pressure (Δp) _____ mbar <input type="checkbox"/> compressor operation air flow (\dot{V}) _____ m ³ /h <input type="checkbox"/> vacuum operation			
Additional information	<input type="checkbox"/> Korrosion <input type="checkbox"/> Building of humidity <input type="checkbox"/> Abrasion	power supply:	<input type="checkbox"/> 50 Hz <input type="checkbox"/> 60 Hz <input type="checkbox"/> frequency converter operation	
Comments				