

NEEDS ASSESSMENT SUCTION

Customer data

Company / Cust. No. _____

Contact person _____

Street _____

Zip / City _____

E-Mail _____

Telephone _____

Soldering application

Hand Soldering Wave Soldering Reflow Vapor Phase Selektive

Robotic Laser Soldering Rework Other _____

Unleaded Leaded

Wire thickness 0,3 mm 0,5 mm 0,8 mm >0,8 mm

Gas application

Cleaning Glueing Casting Other _____

Nature of Pollutants _____

Information about Application _____

Auftragsmethode

by Hand by Maschine

Sicherheitsdatenblatt

yes no

Quantity processed

_____ g / m³ _____ kg / week

Permissible concentration

_____ mg / m³

Existing concentration in raw gas _____ mg / m³

- | | | |
|-------------------------------------|--------------------------------------|---------------------------------------|
| <input type="checkbox"/> flammable | <input type="checkbox"/> explosive | <input type="checkbox"/> corrosive |
| <input type="checkbox"/> neurotoxic | <input type="checkbox"/> teratogenic | <input type="checkbox"/> carcinogenic |

Dust application

Information about
Application _____

- | | | | | |
|----------------------|-----------------------------------|--|------------------------------------|------------------------------------|
| Amount of Dust | <input type="checkbox"/> very low | <input type="checkbox"/> low | <input type="checkbox"/> high | <input type="checkbox"/> very high |
| Particle size / type | <input type="checkbox"/> rough | <input type="checkbox"/> fine | <input type="checkbox"/> very fine | <input type="checkbox"/> fibrous |
| | <input type="checkbox"/> klebrig | <input type="checkbox"/> verschleißend / abrasiv | | |

Permissible residual dust content in the exhaust air _____ mg / m³ at 20 °C

Particle size _____ µm

- | | | | | |
|----------------|---------------------------------------|--------------------------------------|----------------------------------|--|
| Partikel shape | <input type="checkbox"/> round | <input type="checkbox"/> square | <input type="checkbox"/> flaky | <input type="checkbox"/> needle-shaped |
| | <input type="checkbox"/> plate-shaped | <input type="checkbox"/> sharp-edged | <input type="checkbox"/> fibrous | |

- | Dust properties | strong | medium | non-existent |
|--|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> free flowing | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> adhesive | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> static-charging | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> hygroscopic | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> flammable | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> explosive | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> poisonous | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> pollutant | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Dust sample yes no

Safety data sheet yes no

Welding application

Metal - active gas welding with carbon dioxide (MAGC) Oxyacetylene Welding

Metal - active gas welding with mixed gas (MAGM) Gas Welding

Metal - Inert gas welding (MIG) Arc Welding

Tungsten - Inert gas welding (TIG) Laser Welding

Laser cladding Other Method/s

Material

Black plate Cobalt Chrome – Nickel

Galvanized sheet metal (no AK filter necessary, smoke content may be slightly higher)

Aluminium (possibly cartridge filter with precoating agent, because of sticky smoke)

high-alloy steel other alloy/s

Welding location situation Manual Automatic

Anzahl der Schweißplätze _____

Arrangement Row Island

Detection elements

∅ Extraction arm _____ mm Extraction arm length _____ mm

Table installation Wall installation Ceiling installation

Detection hoods Booth Undersink Extraction

Slotted suction channel ESD ATEX Simultaneousness _____ %

Lighting Differential pressure control SPS-Control

On/Off switch on the suction hood Automatic start / stop

Equipment Data

- Mobile filter units Central filter system Fan in SSB
 Exhaust outside without filter Exhaust outside with filter Winter / Summer

Operating hours _____ h / day _____ days / week

Flow rate _____ m³ / h Differential pressure _____ Pa

Voltage _____ V

Installation

- Installation through Klepp Installation with another company

Condition of the walls / ceilings / floors _____

Hall plan available yes no

Pictures available yes no

Fire proof walls yes no

Definition of interface _____

ATTENTION

Pay attention to crane tracks, trolleys, wall projections, beams, columns, windows, doors, mounting heights of the detection elements, filter systems, pipelines, hall height, existing pipelines, ducts, cable ducts, radiators, switch cabinets!

With my signature I confirm the completeness and correctness of the above information.

City / Date

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