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| --- |
| This application is valid as |
| Enquiry | We submit a quotation. |
| Order with prior quotation | IBExU® quotation ANYY9NNN |

Our reference (e.g. Order-No.): Specify your reference-No. here, please

If, with reference to this application, already existing: Your person of contact at IBEXU®

|  |  |  |
| --- | --- | --- |
| Application | Determination of safety characteristics of combustible substances  Gases / Liquids and Vapours | |
| **01 Flash Point** | | |
| 01.01 |  | Determination of the Flash Point - Method with closed cup and safety classification |
|  |  |  |
| **02 Lower Explosion Point** | | |
| 02.01 |  | Determination of the Lower Explosion Point of combustible liquids |
|  |  |  |
| **03 Ignition Temperature** | | |
| 03.01 |  | Determination of the Ignition Temperature of gases and liquids or oils, respectively, and classification into Temperature Classes |
| 03.02 |  | If necessary, especially for oils: Retarded Ignition Temperature |
|  |  |  |
| **04 Explosion Limits** | | |
| 04.01 |  | Lower **or**  Upper |
| 04.02 |  | Lower **and** Upper |
|  |  |  |
| **05 Limiting Oxygen Concentration at inertization with N2 or CO2** (other inert gases on request) | | |
| 05.01 |  | The customer hast to specify the inert gas in the order. |
|  |  |  |
| **06 Maximum Experimental Safe Gap** | | |
| 06.01 |  | Maximum Experimental Safe Gap | Explosion Group |
|  |  |  |
| **07 Maximum explosion pressure, maximum rate of pressure rise / KG-value** | | |
| 07.01 |  | Maximum explosion pressure, maximum rate of pressure rise / KG-value |
|  |  |  |
| **08 Specific electrical resistivity / electrical conductivity** | | |
| 08.01 |  | Insulating liquids - Measurement of the specific DC resistivity |
|  |  |  |
| **09 Special tests** | | |
| 09.01 |  | Safety characteristics according to different standards (e.g. ASTM) |
| 09.02 |  | Special tests at non-atmospheric conditions (e.g. increased pressure and / or increased temperature) |

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| Applica-tion | Determination of safety characteristics of mists/aerosols of combustible liquids | | | | |
| 10 |  | Explosibility (statement: Yes / No) | | | |
| 11 |  | Explosion characteristics: Maximum explosion pressure, KF-value | | | |
| 12 |  | Explosion characteristics: Maximum explosion pressure, KF-value and  Lower Explosion Limit | | | |
| 13 |  | Lower Explosion Limit (single test) | | | |
|  |  |  | | | |
| Language of the document | | | | | |
|  |  | German | Standard | | | |
|  |  | Additional in | | | |
|  |  |  | | | |
| **Applicant** | | | | | |
|  |  | Company | | | Name, Street and Number, Zip code, City, Country, UID-No. (for EU-countries) |
| Submit the written assignment from the manufacturer, please | | | | | |
|  |  | Alternative recipient of the invoice | | | Name, Street and Number, Zip code, City, Country, UID-No. (for EU-countries) |
|  | | | | | |
| Person of contact | | | | | |
| Address, First name Surname | Position / Department | Telephone | E-Mail | | | | | |
|  | | | | | |
| **Declaration** | | | | | |
| With filing of this application, the applicant accepts the terms and conditions of IBExU Institut für Sicherheitstechnik GmbH. | | | | | |
|  | | |  |  | |
| City | Date | | |  | Name in printed characters | Signature | |