

Logo, company name

Description automatically generated

BIOREACTOR SPARGER APPLICATION DATA SHEET (BSADS)

\*\*Please complete all applicable fields associated with your application for best recommendation\*\*

|  |  |  |  |
| --- | --- | --- | --- |
| **COMPANY NAME** |  | **CONTACT NAME** |  |
| **ADDRESS** |  | **E-MAIL** |  |
| PHONE |  |
| **DATE** |  | **FAX** |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **APPLICATION TYPE: Please check** | | | | |
| AERATION |  | OXYGENATION |  |
| AGITATION |  | pH CONTROL |  |
| BULKING |  | OTHER (specify below) |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CELL TYPE: Please check** | | | | | |
| MICROBIAL |  | MAMMALIAN |  | YEAST |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **INSTALLATION TYPE: Please check** | | | | | |
| INLINE |  | TEE |  | ELBOW |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **GAS TYPE** | | **GAS FLOW** | |
| AIR |  | GAS FLOW RATE (SCFM) |  |
| OXYGEN |  | GAS VOLUME (CU FT) (for in tank batch applications) |  |
| CO2 |  | PRESSURE (PSIG) |  |
| NITROGEN |  | TEMPERATURE (DEG F) |  |
| OTHER |  |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **WHAT CHALLENGES ARE YOU EXPERIENCING WITH YOUR CURREN SPARGER?** | | | | | |
| GAS TRANSFER |  | CELL DAMAGE |  | pH CONTROL |  |
| FOAMING |  | SCALING (UP/DOWN) |  | OTHER (specify below) |  |

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| **OTHER SPECIFICATIONS / QUESTIONS** |
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