Customer’s Questionnaire

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| Customer |  |
| Product |  |
| PSD (particle size distribution), minimum and maximum sizes |  |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Size grade, mm |  |  |  |  |  |  |  |  |  |  |
| Weight % |  |  |  |  |  |  |  |  |  |  |

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| Shape of particles, presence and percentage of flat particles  |  |
| Specific gravity, bulk density (also, if possible, volume density) |  |
| Moisture – if it’s a dry bulk material (average and maximum) solids concentration (by weight or by volume) - if it is a slurry   |  |
| Product temperature, ˚C |  |
| Surrounding’s temperature, ˚C |  |
| Abrasiveness  |  |
| Aggressiveness  |  |
| Explosiveness, tendency for agglomeration any other special characteristics  |  |
| Goal of existing equipment: including the question - replacement or new equipment installation? |  |
| Working regime: continuous or periodical |  |
| Required feed capacity, if the feed is slurry, please, mention feed capacity by slurry volume or by solids weight |  |
| Required efficiency of sieving: recovery of production fraction or other parameters ( please, mention calculation formula) |  |
| Required cut point of separation |  |
| How many products should be received, as a result of separation what is the final product: undersize, oversize intermediate product (for double- deck screens) |  |
| Allowed percentage of the undersize in the oversize (or other fractions) for estimation |  |
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| Any other special requests  |  |
| Method of feeding material to the screen (conveyor, feeder, pump) |  |
| **Existing or perspective process - and mechanical flowsheet for this material:** machinery used; if the machinery used are vibratory screens, please, specify existing situation, such as model and size of screens, number of them, mode of operation, used screening media (meshes, polyurethane mats or other) and existing results, such as existing cut point, feed capacity, efficiency, lifetime of meshes (or other screening media; what doesn’t satisfy an end-user in the current processing (blinding of meshes; short lifetime of meshes, insufficient efficiency, low feed capacity, desire to go to finer separation, which current equipment cannot provide with, anything else); what did an end-user do to fight those problems and what were the achievements  |  |
| **Special limitations and /or requests (if applicable):** space and weight limitations (length, width, height, weight – please, specify; dynamic load on a support structure limitation; limitation of use for the materials the Ultimate Screener™ is made of (carbon steel, stainless steel, rubber, silicone, polyurethane, nylon)  |  |
| Request for special motors (water-proof, explosion-proof, special electric-proof class). Regular class of motors on the Ultimate Screener™ - IP 65  |  |
| Any other data and/or comments you see useful sharing: |  |
| Other requirements for the customer's discretion |  |
| Date |  |