application worksheet

for nano N^2 gas generators

By completing the following information, nano can properly evaluate the specifics of your gas generation application and help determine the best possible solution. Complete and email to support@n-psi.com or fax to 704.897.2183.

contact information

name | phone

company | email

address

city | state | zip

application parameters

describe the application

i use nitrogen because it is ☐ clean & dry ☐ an insert gas ☐ other

nitrogen purity requirement % min ☐ i don't know

allowable oxygen content % max ☐ i don't know

installation type ☐ indoor - skid mounted system ☐ outdoor - enclosed system

application parameters

current delivered cost nitrogen per ☐ idon't know

current nitrogen suppy ☐ cylinders number of cylinders used per week

☐ liquid dewars number of dewars used per week

☐ bulk storage deliveries per month late deliveries per year

☐ gas generator flow rate scfm nitrogen purity %

company requirement for payback on capital purchases months ☐ i don't know

preferred expenditure capital (purchase) operating (lease) ☐ i don't know

sizing parameters

required flow & pressure ☐ scfh ☐ Nm^3/hr ☐ psig ☐ barg

hours of usage per day

type of usage ☐ continuous ☐ intermittent

is compressed air available ☐ yes (clean & dry) ☐ yes (untreated) ☐ no

if yes: scfm psig °F PDP

other considerations

are there any space restrictions or other installation limitations to consider?

what other issues or concerns do you have with your current nitrogen supply that you would like to eliminate? any other considerations?

for laser cutting applications only

items being cut by laser are ☐ "finished goods" quality ☐ subject to further processing (ie painting)

materials being cut is ☐ stainless steel ☐ carbon steel ☐ aluminum ☐ other (describe below)

production profile ☐ high volume of a single product ☐ multiple smaller volume products

required booster pressure ☐ psig ☐ barg ☐ i don't know

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