



Circular solutions in precious metals recovery & refining

PLANT DATA QUESTIONNAIRE - NITRIC ACID MANUFACTURER



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Please provide the following data to ensure PGM Technologies have a full understanding of both your plant and project requirements, this will allow our Technical Team to calculate a viable precious metals recovery programme resulting from technical cleaning and recovery treatment routes.

COMPANY PROFILE

Company name

Street / Building

City Country

Address of NA plant

PROJECT LEAD CONTACT INFORMATION

First Name Last Name

Position

Phone number Fax

Email address

CLEANING OPERATION REQUIREMENTS

Brief description of project to be undertaken

Please name the specific parts to be cleaned/treated (e.g. heat exchanger, tanks, full installation, etc.)

Project commencement date

Are there regular maintenance shutdowns during the year to allow work to progress?

No

Yes

Please specify the dates of regular maintenance





EQUIPMENT PROFILE

Facility type (i.e. Weatherly, Uhde, GP, Gridler, Chemico, etc.)

Please provide plant drawings to show plant design.

Plant pressure	bar	psi
Plant Commissioned (Year)	Plant Age (in Years)	
Acid production per day	in metric tons (100% acid)	days/year
Actual PGM loss per metric ton acid produced	in mg	

Is a catchment/getter system in use?

No	Yes	Efficiency	in %
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Is a gas phase and/or liquid phase PGM filter in use?

No	Yes	Efficiency of gross burn loss from gauze	in %
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Have any internal part been replaced recently?

No	Yes
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If there had been replacements - which parts have been replaced and when?

ADDITIONAL INFORMATION

When was the last cleaning operation (external or internal)?	Which company performed the cleaning operation?
Any internal cleaning routines since last cleaning (short description of method)	

FOR THE CLEANING OF SCRAP UNITS - PLEASE PROVIDE

Net weight of the tubes	in kg or lb	Material of construction
Plant status where units were taken out:	Can the component be sampled?	
running	scrap	spare
	No	Yes



IMPORTANT NOTICE

Please confirm the information provided is to the best of your knowledge a true and representative account of the information we requested. The information provided will be the basis of our technical proposal and guidance for achievable metal recoveries. Any errors or omissions will invalidate any commercial proposal generated on the basis of the above data provided.

Signature

Date

