



FORM APR-404-00-F, REV. J

CRYOGEN ORDER

DOCUMENT OWNER: ADMINISTRATION

OFFICIAL RELEASE DATE: APRIL 30, 2024

APPROVALS

Rhonda Zoch
(affiliate)

Digitally signed by Rhonda Zoch
(affiliate)
Date: 2024.04.29 10:28:37 -04'00'

TITLE: ORIGINATOR

DATE

Joseph Carbonaro
(affiliate)

Digitally signed by Joseph
Carbonaro (affiliate)
Date: 2024.04.29 10:40:43
-05'00'

TITLE: SUPERVISOR

DATE

Digitally signed by Robert Renko
(affiliate)
Date: 2024.04.29 10:56:57 -05'00'

TITLE: MANAGER

DATE

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Revision No.:	J	Official Release Date:	04/30/2024

1 PURPOSE

The purpose of this form is to allow Science Groups to place orders for cryogenics, gases, and liquid helium for delivery to CSBF in Ft. Sumner, New Mexico or Palestine, Texas.

2 EQUIPMENT REQUIREMENTS

N/A

3 REFERENCES

APR-404-00-P Science Group Instruction for Ordering Gases and Cryogenics
Used in Palestine, TX and Ft. Sumner, NM

4 QUALITY RECORDS

Quality records are controlled in accordance with AS-2015-7.5-P, *Control of Configuration, Documents, and Records*. The specific file location for this completed document is shown below. Unless otherwise noted, the retention time will be 3 years after delivery of all items and/or completion of all services called for by the contract.

RECORD		
DOCUMENT NUMBER	DOCUMENT TITLE	FILE LOCATION
APR-404-00-F	Cryogen Order Form	Individual Purchase Order file retained by Purchasing Department

REVISION CONTROL

REVISION	EFFECTIVE DATE	DESCRIPTION OF CHANGE
I	02/10/2021	Updated to current formatting standards; changed email address; changed phone/fax numbers
J	04/30/2024	Corrected parent document from AA-502-00-P to APR-404-00-P

5 FORM

Form begins on the following page.

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SBF Science Group Gas and Cryogen Order Form (Ft. Sumner, NM and Palestine, TX Flights ONLY)

To order cryogenes, gases, and liquid helium for delivery to CSBF in Ft. Sumner, New Mexico or Palestine, Texas, complete this form and e-mail to WFF-DL-CSBF-Cryogenes@mail.nasa.gov or fax to 903-723-8068, Attn: Cryogenes. If faxing, please call 903-723-8042 to verify the order was received.

IMPORTANT: See the *CSBF Science Group Gas/Cryogen Instructions* (www.csbf.nasa.gov/gas.pdf) for details about ordering and delivery schedules.

CUSTOMER INFORMATION

Payload Name: _____ Contact Name: _____ Phone: _____
 Univ./Org. Name: _____ Contact E-mail: _____
 Date: _____ Alternate Name: _____ Phone: _____
 Delivery Location: Ft. Sumner, NM Palestine, TX Alternate E-mail: _____

GAS/CRYOGEN

QTY FOR 1 ST DELIVERY	CYLINDER SIZE	TYPE	SPECIFICATIONS	DATE 1 ST DELIVERY REQUIRED	REPLENISHMENT RATE		NOTES
					QTY	FREQUENCY (Select One)	
	LS160 NI160LLP	Liquid Nitrogen	Low pressure (22 PSI), 160L			Daily Wkly Bi-Wkly Mo	
	LS160 NI160LMP	Liquid Nitrogen	Medium pressure (230 PSI), 160L			Daily Wkly Bi-Wkly Mo	
	LS160 NI160LHP	Liquid Nitrogen	High pressure (350 PSI), 160L			Daily Wkly Bi-Wkly Mo	
	LS160 AR160LMP	Liquid ARGON	Medium pressure (230 PSI), 160L			Daily Wkly Bi-Wkly Mo	
	K Bottle	Dry Nitrogen	Standard Industrial Grade			Daily Wkly Bi-Wkly Mo	
	K Bottle SGUHPNI230	Dry Nitrogen	99.999% UHP Grade 5 / 255 Ft ³			Daily Wkly Bi-Wkly Mo	
	T Bottle SGUHPNI300	Dry Nitrogen	99.999% UHP Grade 5 / 300 Ft ³			Daily Wkly Bi-Wkly Mo	
	K Bottle	Dry Helium	Standard Industrial Grade			Daily Wkly Bi-Wkly Mo	
	K Bottle HE250	Dry Helium	99.995% UHP Grade 4.5 / 244 Ft ³			Daily Wkly Bi-Wkly Mo	
	K Bottle SGUHPHE244	Dry Helium	99.999% UHP Grade 5 / 244 Ft ³			Daily Wkly Bi-Wkly Mo	
	T Bottle SGUHPHE291	Dry Helium	99.999% UHP Grade 5 / 291 Ft ³			Daily Wkly Bi-Wkly Mo	
	SGRAR225M (K bottle)	ARGON Gas	99.9999% Res. Grade 6 / 280 Ft ³			Daily Wkly Bi-Wkly Mo	
	SGUHPAR336 (T bottle)	ARGON Gas	99.999% UHP Grade 5 / 331 Ft ³			Daily Wkly Bi-Wkly Mo	
	SGICO2560M (K bottle)	Carbon Dioxide	99.99%, Coleman Instru. Grade / 60 lb			Daily Wkly Bi-Wkly Mo	
	K Bottle CA200	Dry Air	H2O < 6ppm, 225 Ft ³			Daily Wkly Bi-Wkly Mo	
	K Bottle SG2CA238	Extra Dry Pre-Purified Air	H2O < 1ppm, 225 Ft ³			Daily Wkly Bi-Wkly Mo	
	Liquid Heater	Liquid Nitrogen cylinders	Air vaporizer with hose and connector			Daily Wkly Bi-Wkly Mo	Indicate size requirement:

LIQUID HELIUM (LINDE LLC)

QTY FOR 1 ST DELIVERY	CYLINDER SIZE	SPECIFICATIONS	DATE 1 ST DELIVERY REQUIRED	REPLENISHMENT RATE		NOTES
				QTY	FREQUENCY (Select One)	
	100L Dewar	MIL-PRF-27407D			Daily Wkly Bi-Wkly Mo	
	500L Dewar	MIL-PTF-27407D			Daily Wkly Bi-Wkly Mo	

COMMENTS

Enter 140 characters or less.

IT IS THE RESPONSIBILITY OF EACH SCIENCE GROUP TO CHECK ALL CONTAINERS FOR CORRECT VOLUME AND WEIGHT UPON RECEIPT.

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