

COPY

E. W. BACHARACH & CO.

Water Purification Plants
Rialto Building, Kansas City, Missouri

May 14, 1943.

Dr. F. C. Allen
Director of Physical Education
Varsity Basketball Coach
University of Kansas
Lawrence, Kansas

Dear Sir:

On May 13th the writer made a final inspection of the swimming pool filter and recirculating system which is located in the gymnasium building.

Incidentally, we discovered that the pool is of obsolete design and, of course, it is very difficult to obtain the desired results, inasmuch as the pool has no scum gutters and, furthermore, a depth of water of approximately 8' is maintained over the entire area. Modern pools, as you no doubt know, have a shallow end of approximately 3' to 4' of water and slope down to a depth of between 8' and 9' of water. This is to enable beginners to use the shallow end and, of course, the experienced swimmers the deep end.

There is nothing that can be done to improve the pool as the cost would be prohibitive. However, the final results that are now being obtained under the present set-up should be appreciated and, no doubt, such results are due to careful operation.

Now, in regard to rehabilitating the present filter and recirculating system, we recommend the following:

1. A new recirculating pump and motor should be installed as the present unit has too small a capacity. In other words, according to our figures, with your present pump the contents of the pool are turned over once every $18\frac{1}{2}$ hours and by furnishing a larger pump and motor the contents of the pool would be turned over every $12\frac{1}{2}$ hours. However, according to the best practice, the pool should be turned over once every 8 hours, but this cannot be done, owing to the size of your present filter itself. It is not advisable to furnish a larger filter at this time as it would be impractical to do so, because of the space available and also the question of removing the present filter and installing a new one, as there are no openings in the building of sufficient size to do the work.
2. A hair and lint catcher should be installed in the suction line to the pump in order to prevent hair and lint and other foreign matter from passing through the pump and on to the filter.

3. New strainers also filter sand and gravel should be placed in the filter as the present strainers and sand and gravel are in very bad shape. In addition, before placing in the new strainers and sand and gravel, the inside of the filter should be brushed down by means of a wire brush or other suitable means for removing as much of the scale as possible. Also, the agitator on the present filter should be removed, at least that portion inside the filter.

4. A gauge should be installed on the in line to the filter and also a gauge on the outlet line from the filter, in order to tell the operator when it is time to wash the filter.

We believe that if the above recommendations are followed, good results would be obtained and the equipment would operate at high efficiency.

In the event we would be successful in securing the order for doing the above mentioned work, we would, for the lump sum price of Eight Hundred and Forty Seven Dollars (\$847.00), furnish and install all of the equipment and put the filter and recirculating system in first class operating condition.

Should you desire to go ahead with the work at this time, we could start possibly within two weeks time as one of our men would be available then. It would be necessary that we have a priority in order to purchase some of the equipment, especially the new recirculating pump and motor. Furthermore, in order to get the job done quickly, it would be necessary that you obtain, at least, an AA-3 priority as even with a higher rating than this it would require from 14 to 16 weeks to get shipment on the pump.

Very truly yours,

E. W. Bacharach & Company

(Signed) A. W. Livingston.

.....

The price for furnishing 100 strainers and 100 bushings would be \$44.00 f.o.b. Lawrence, and for furnishing the filter sand and gravel the price would be \$63.00 f.o.b. Lawrence. You will note in our letter of recommendation that we named a price of \$847.00. This, of course, is furnishing a complete job and the price named for the strainers, bushings, sand and gravel would be deducted from the \$847.00.

Very truly yours,

E. W. Bacharach & Company

(Signed) A. W. Livingston.

Form **PD-1A**
(1-16-43)

UNITED STATES OF AMERICA
WAR PRODUCTION BOARD

FORM APPROVED
BUDGET BUREAU No. 12-R569-42

APPLICATION FOR PREFERENCE RATING

DO NOT WRITE IN THIS SPACE

WPB CASE No.

TO: WAR PRODUCTION BOARD, Nearest Field Office of
ATTN: PD-1A

FOR INSTRUCTIONS.—See page 4 of Original and Triplicate.

DIVISION CODE DATE IN DATE OUT

1.
University of Kansas
(Name of Applicant)

(Number and Street)
Lawrence, Kansas
(City and State)

ROUTING

TELEPHONE NO. OF APPLICANT:

K. U. #1

DATE:

May 19, 1943

FOREIGN CLEARANCE NO.

2. Name the specific final product to be manufactured or produced (or service to be rendered) by the applicant with the item(s) requested on this application.

**To provide training in swimming for students
in the Naval V-12 program.**

3. Enter reference number if you wish correspondence about this case to be so identified.

4. Nature of applicant's business (such as mining, manufacturing, laundry, etc.).

Education

5. Describe material or equipment on which a rating is requested in nontechnical terms. (Do not use trade name. Give approximate composition of alloys.)

**1 - 60 gallon per minute centrifugal pump, motor and starter.
1 - 3" suction and pressure hair and lint catcher.**

6. Where is item(s) requested to be delivered? (If for export, give country of destination.)

University of Kansas

7. How will item(s) requested be used? (Check which)

- | | |
|--|--|
| <input type="checkbox"/> Incorporated in product | <input type="checkbox"/> Maintenance or repair |
| <input type="checkbox"/> Export | <input type="checkbox"/> Immediate use |
| <input type="checkbox"/> Capital equipment | <input type="checkbox"/> Reserve stock |
| <input checked="" type="checkbox"/> Operating supplies | <input type="checkbox"/> Other (Specify) |

8. Is this a resubmission of a previous application for this item which was granted denied **No.**

If so, give:

DATE FILED

WPB CASE No.

Attach original certificate or copy of denied application.

9. Item(s) will be secured from (Check one)

- | | |
|--|--|
| <input type="checkbox"/> Manufacturer | <input type="checkbox"/> Retailer |
| <input type="checkbox"/> Wholesale Distributor | <input type="checkbox"/> Other (Specify) |
| <input type="checkbox"/> Own Stock | contractor |

10. Probable supplier

NAME:

E. W. Bacharach & Co.

ADDRESS (Street, City, State)

**Rialto Building,
Kansas City, Missouri.**

11. If rating is requested to release material restricted by an L or M order, give:

ORDER NUMBER

L—

M—

12. How will product manufactured, or service rendered, help the war effort or essential civilian needs? (List up to 5 major contracts affected, where possible.)

Pump and strainer will be used to filter water in swimming pool. K. U. is training 500 Navy reserves under the V-12 program. Since swimming is integral part of program, it is necessary for the health of students that water be kept clean and sanitary.

INSTRUCTIONS FOR PREPARING PD-1A—APPLICATION FOR PREFERENCE RATING

General:

Fill out PD-1A in triplicate and sign the duplicate copy in space No. 18 on page 3. Please type or print answers. Retain the triplicate copy for your files and send the original and duplicate to the nearest Field Office of the War Production Board, Ref.: PD-1A.

You must make a statement in each numbered space; either supply the information requested or write "None," "Not Applicable," etc.

A *separate* application must be made for each class or *kind* of material (or capital equipment) commonly supplied to you by a single plant, such as steel, electric motors, precision tools; also a *separate* application must be made for each *product* or each *use* for which such material (or capital equipment) is required; e. g., if you manufacture both motors and refrigerators, you must apply for ratings on separate PD-1A forms for switches to be used in each.

Before filing this form PD-1A application, you must be sure that you will not be violating the provisions of existing L and M Orders by acquiring the material or capital equipment on which you request a rating.¹ A willful violation of any of these orders constitutes a misdemeanor and the violator may be fined not more than \$10,000 or imprisoned for not more than a year or both (Second War Powers Act, 1942, Sec. 2 (a) (5), P. L. 507, 77th Cong., 53 Stat. —.)

Definitions:

Applicant means person, firm, or corporation who has placed or intends to place order(s) for material (or capital equipment) for which preference rating is requested.

Supplier means person, firm, or corporation who has received, or will receive order(s) for which preference rating is requested.

Product means that which is produced from the material (or by capital equipment) or the service which is rendered by the use of the material (or capital equipment) for which rating is requested.

Material means raw material, semifinished or finished products, not including capital equipment.

Capital equipment means machinery, equipment, or other implement of production ordinarily acquired as a capital asset not for resale.

RESTRICTIONS ON USE OF PD-1A APPLICATION FORM

APPLICATIONS BY DISTRIBUTORS.—PD-1A may not be used by distributors, jobbers, wholesalers, or retailers except when requesting a rating for maintenance, repair, and operating supplies or capital equipment used in their own establishments. These persons *must* use PD-1X when requesting a rating on material purchased from producers for resale in the same form in which purchased.

PRIORITY ORDERS.—PD-1A may not be used where adequate priority assistance has been made available to your industry under Priority Orders.

APPLICATIONS FOR PROJECT RATINGS.—PD-1A may be used in requesting ratings on capital equipment only when no construction is involved. PD-200 *must* be used in requesting a rating for construction, construction and equipment, or equipment when construction is necessary in its installation.

APPLICATIONS BY PRP UNITS.—A manufacturer operating under the Production Requirements Plan may not use PD-1A applications except when requesting a rating on Capital Equipment where its installation does not involve construction.

APPLICATIONS BY FEDERAL AGENCIES.—PD-408 (Governmental Requirements Plan) must be used by all nonmilitary Federal agencies requesting priorities assistance except where specific exemptions have been allowed.

APPLICATION FOR MATERIAL FOR EXPORT.—Exporters or foreign applicants when filing a PD-1A in any of its permitted uses are not required to submit information requested under numbers 13; 15C, 15D, 15E, 15F; 16, column (E); and 17. Under question 4 give name of *consumer's* business, if known. If material is for export without further processing, application should be made on yellow PD-1A.

Priorities Regulation No. 3 as Amended Governs the Application and Extension of the Preference Rating(s) assigned by this Certificate. All of Its Terms Must Be Observed. The Following Instructions are Provided To Assist in Applying or Extending Preference Ratings.

- (1) The preference rating assigned by this certificate may be applied by the applicant only to the kinds and quantities of materials authorized. In no event shall the contract or purchase order to which the rating is applied call for delivery prior to the required delivery date specified.
- (2) The person to whom this certificate is issued shall retain it. He may apply, and each related supplier and subsupplier may extend the preference rating assigned herein to his purchase order(s) in accordance with Priorities Regulation No. 3 by executing and transmitting to his supplier(s) by endorsement on purchase order or other equivalent document, the following form of certification:

The following form of Certification is to be used as Endorsement on Purchase Order(s)
Do not fill in on this Certificate

SAMPLE CERTIFICATION

"The Undersigned Purchaser Hereby Represents to the Seller and to the War Production Board That He Is Entitled To Apply or Extend the Preference Ratings Indicated Opposite the Items Shown on This Purchase Order, and That Such Application or Extension Is in Accordance With Priorities Regulation No. 3, as Amended With the Terms of Which the Undersigned Is Familiar.

Doe Company,
Name of Purchaser and PRP Certificate No. if Purchaser is a PRP Unit

1465 West V. Jonesville, Va.
(Address)

John Doe, Vice Pres.
(Signature and Title of Duly Authorized Official)

December 22, 1942.
(Date)

DO NOT SUBMIT COPIES OF PURCHASE ORDERS TO WAR PRODUCTION BOARD

ATTACH A STAMPED, SELF-ADDRESSED POSTAL CARD IF YOU WISH TO BE NOTIFIED OF CASE NUMBER ASSIGNED

¹ If additional information is desired, communicate with nearest War Production Board field office.

16. A rating is requested on the items below, total value of which is \$ 310.00
 (Required delivery dates must be specific except where material is for export)

17. Quantities of these items in inventory (exclude capital equipment)

(a) List Each Item of Equipment or Material. Use Purchase Order Description in Full. (Include Weight in Pounds if Requesting Raw Material)	(b) Value Each Item	(c) Total Quantity Each Item	(d) Items Each Shipment	(e) Required Delivery Date(s)			In Stock and/or Delivery Promised (Exclusive of Items on This Request)	Will Last How Many Months
				Month	Day	Year		
1 - 60 gal. per min. centrifugal pump, motor and starter. Total head 45 ft. Cast iron case, bronze impeller. 2 horsepower, 1725 R.P.M. standard motor. Pump inlet 2", pump discharge, 1 1/2". Standard magnetic starter.	\$255.00	one		June	16	'43		120
1 - 3" McAlear #528 suction and hair and lint catcher. Standard flanged cast iron body. 125# working pressure. Strainer constructed of bronze, specially plated inside.	55.00	one		"	"	"		120

DO NOT WRITE BELOW THIS LINE

PREFERENCE RATING CERTIFICATE

The preference rating herein assigned does not constitute an exemption from any duly promulgated limitation or conservation order. The following rating is assigned to the items in the quantities quoted in number 16, column C, above:

13. List for the division or plant in which item will be used, the total dollar value of business by rating groups specified. Give actual orders scheduled for production during the next three calendar months, if possible. But if you are engaged in a "service" industry (such as hotels, cleaners, etc.) you may give for the last three calendar months dollar volume of sales or billings.

14. List "P" orders under which this division or plant operates.

RATING	USE ONE COLUMN ONLY			ORDER No.	SERIAL	RATING
	Orders Scheduled for Delivery (Dollars)	Past Sales or Billings (Dollars)	PERCENT			
AA-2X and higher				P-		
AA-3 thru AA-5				P-		
A-1-A thru A-1-K				P-		
All other (rated and un-rated)				PRP(PD-25A)		
TOTAL				If PD-25A Filed but Certificate Not Received, Give Date Filed:		

15. If item(s) for which rating is requested is CAPITAL EQUIPMENT or will be used to REPAIR capital equipment, give following information.

(a) Explain use or relationship of item(s) requested to product manufactured or to service rendered, as stated in item 2 above.

Present facilities are inadequate to provide clean water in swimming pool and protect health of students. New pump and lint and hair catcher would be used to improve filtering system of swimming pool so that the increased load imposed by Naval V-12 students would not constitute a health hazard.

(b) Will the item(s) applied for be used

- To expand
- To repair
- To replace present facilities

(c) Do you now have any equipment of same type as that for which rating is requested in this application? **Pump only.**

(1) Yes.

(2) No.

MAKE AND MODEL NO. GIVE SIZE IDENTIFICATION IF APPLICABLE **3H** AGE **20 yrs.**
No. 196362 Union Steam Pump Co. Size

EXPLAIN HOW YOU NOW DO THE WORK FOR WHICH YOU REQUIRE THE EQUIPMENT APPLIED FOR

CONDITION
Fair

We have not had the tremendous load in our pool which we will have when 500 Navy V-12 students are required to take swimming in addition to our regular student body. We have not been able to keep the water in good condition even with a smaller load.

NUMBER OF UNITS **1 pump** TOTAL CAPACITY (All Units) **40 gal. per minute**

EXPLAIN WHY ADDITIONAL EQUIPMENT IS NEEDED

The pump we now have is too small to maintain water in a healthful condition in the swimming pool. A larger pump is necessary to force the pool water through filter more often.

(d) If item(s) will replace present equipment, what disposition will be made of replaced equipment?

Used at K.U.

(e) Give present number of employees in plant or office in which this equipment will be used.

(f) What will be the average weekly use of requested equipment in hours?

FIRST SHIFT SECOND SHIFT THIRD SHIFT

168 hours per week

Estimated life of this type of equipment with such use:

10 years

May 15, 1943.

To the Budget Committee:

Mr. A. W. Livingston, chief engineer for E. W. Bacharach & Company of Kansas City, Missouri, after making a final inspection of the swimming pool filter and recirculating system in our gymnasium, has offered the suggestions in his letter of May 14. A carbon copy of the same is attached, for your observation.

After removing the filter, rock and gravel from the mammoth steel drum, Mr. Livingston recommends a replacement of 100 brass bushings and 100 Type S strainers, together with 2100 pounds of filter gravel and 4200 pounds of Blue Diamond filter sand. The total is \$107.00. This sand and gravel come from Red Wing, Minnesota, and it is apparently the only sharp-grained sand that will do the job. This material is necessary to get the filter functioning for our Summer School program. This is a "must", and it is listed as an emergency. I am therefore sending a requisition through the Business Office for this needed material.

You will see by Mr. Livingston's letter that his total bid is \$847.00, including the item of \$107.00 for sand and so forth. Therefore, I would like to recommend to the Budget Committee that we ask Mr. Livingston to go ahead with the recirculating pump and motor and the other additional items that he mentions in his letter. The other items would amount to \$740.00. This includes the labor of installation, plumbers, and material and all equipment. This is a bid to complete the job.

I asked Mr. Livingston for the address of some tile and marble people so that we could get bids on the possible installation of the 1275 tile to replace the broken ones. Of course this would be an additional expenditure and rather a heavy one. I am going ahead and asking that these various firms submit bids for the replacement of these tile and I will submit that to you at an early date. I called attention to the heavy expense to the University through the leakage of five thousand gallons a day due to faulty tile.

Very cordially yours,

Director of Physical Education,
Varsity Basketball Coach.



THIS SIDE OF CARD IS FOR ADDRESS

U. of Kansas

Lawrence, Kansas

CHLORINE CYLINDERS

Gentlemen:

We give our Liquid Chlorine customers service thru the careful maintenance of our Chlorine Cylinders and Valves. This means periodic inspections.

Help us to maintain this service by filling out the last two columns on the attached return postal card covering Cylinders which have been in your possession more than 90 days.

PLEASE USE THE OLDEST CYLINDERS FIRST AND RETURN ALL
EMPTIES PROMPTLY

Thank you.

Monsanto Chemical Company

This form may be reproduced only in the same size, format, phraseology, and color.

PURCHASER'S APPLICATION ORDER FOR CHLORINE

FOR DELIVERY DURING MONTH OF December

Forward 3 copies of this form to your supplier with each order placed for chlorine. Retain one copy for your file. These forms are required in accordance with General Preference Order M-19, Amendment No. 1. Suppliers' monthly delivery schedules are limited to orders placed on or before the 10th day (the 5th day if the supplier is a distributor) of the month preceding the month of delivery.

PURCHASER: Name Department of Physical Education Order No. _____
University of Kansas
Address Lawrence, Kansas
Delivery point Lawrence, Kansas

SUPPLIER: Name Monsanto Chemical Company
Address 1700 South Second St., St. Louis, Mo.

If supplier is not regular source of supply, state reasons for change: _____

1. Nature of purchaser's business: University

2. Quarterly consumption of chlorine for year ending, June 1941:

Quarter	Tons	Quarter	Tons
July—September 1940	_____	January—March 1941	_____
October—December 1940	_____	April—June 1941	_____

3. Stocks of chlorine on hand last day of previous month _____ tons.
Quantity of chlorine to be delivered during month _____ tons.
TOTAL 1 - 150 lb. net cylinder _____ tons.
Estimated duration of this quantity _____ days.

Do you have on hand more than a 30-day supply of any finished products which you have manufactured with or by the use of chlorine? Yes _____ No _____ If so, list below with estimated number of days' supply.

Estimated one month's supply

4. Have you filed this application form with any other supplier? Yes _____ No No If so, how many? _____

5. Do applications filed by you with other suppliers duplicate any portion of the chlorine herein requested? Yes _____ No No
If so, for what quantity? _____ tons.

6. Quantity of chlorine requested 1 - 150 lb. cylinder _____ tons.

Type of delivery (check):
 Cylinder. _____ Tank car.
_____ Multiunit car. _____ Pipe line (gas).

7. DELIVERY SCHEDULE DESIRED.—If you desire more than one delivery during month indicate the amounts and dates desired.

DATE—				
Quantity (tons)				

8. PREFERENCE RATINGS (assigned to chlorine requested) AND USES.—See definitions on back of Instruction Sheet for PD-190. List below preference ratings assigned to uses by Amendment No. 1 to General Preference Order M-19 or otherwise, and item numbers for each use. Show the amount of chlorine required for each use. The total of all such chlorine should be the same as the quantity requested. (Pulp and paper producers requiring chlorine must file PD-190A in addition to PD-190).

DEFENSE ORDERS—ALL "A" RATINGS

USE— ITEM No.	PREFER- ENCE RATING	QUANTITY OF CHLORINE	ESTIMATED DURATION OF THIS SUPPLY	LEAVE BLANK			
				SCHEDULED BY SUPPLIER	OPM ADJUSTMENT	FINAL SCHEDULE	ESTIMATED DURATION OF SCHEDULED SUPPLY
(1)	(2)	(Tons)	(Days)	(Tons)	(Tons)	(Tons)	(Days)
TOTAL FOR DEFENSE ORDERS			X X X X				X X X X

CIVILIAN ORDERS—ALL "B" RATINGS

	A-8	150 lb. Cyl.	2 yrs.				
TOTAL FOR CIVILIAN ORDERS			X X X X				X X X X
GRAND TOTAL FOR ALL ORDERS		150 lb.	X X X X				X X X X

9. Additional relevant information applicant may wish to present:

Needed for University swimming pool chlorination

The undersigned certifies to the supplier and to the Office of Production Management that:

1. He executed this certificate on behalf of and by authority of _____ the purchaser of the above chlorine. (This item is to be filled in only if purchaser is other than individual.)
2. He has read and is familiar with the provisions of General Preference Order M-19 and Amendment No. 1 to it.
3. The facts set forth herein are true and correct.
4. The chlorine to be delivered on this order will not be used for other than the purposes specified above.
5. The chlorine to be delivered on this order is not greater in quantity than the minimum required commensurate with economic delivery and permissible inventory, at the expected rate of use, taking into consideration supplies on hand and on order.

Section 35 (A) of the United States Criminal Code 18, U. S. C. A. 80, makes it a criminal offense to make a false statement or representation to any department or agency of the United States as to any matter within the jurisdiction of any department or agency in the United States.

(Signature of official)

(Date)

(Title)

MONSANTO CHEMICAL COMPANY
ST. LOUIS, MISSOURI

March 9, 1943

To All Purchasers of Chlorine:

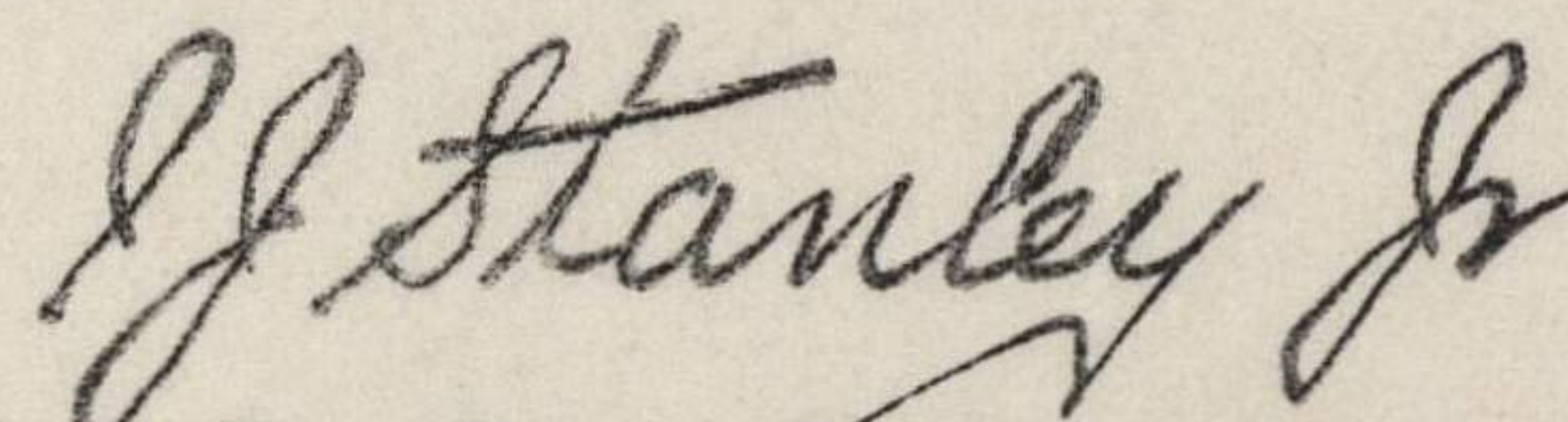
You will find attached copy of a letter which we have just received from the War Production Board, requesting that all shipments of Chlorine made on or after April 1 be shipped against a three-months' allocation.

It is, therefore, necessary that you send in your order immediately to cover your requirements for the months of April, May, and June. In the future, all orders must be placed on a quarterly instead of monthly basis. If you have already submitted your order for April, please forward a revised order to cover the specified period.

It is quite possible that you will not receive this information in time to file application, so we are estimating your requirements in order to forward promptly our report to the War Production Board. Upon receipt of your revised order covering the quarter, we shall amend our request accordingly.

Your promptness in forwarding your order for the quarter will indeed be appreciated.

Cordially yours



I. J. Stanley, Jr.
Assistant Manager of Sales

pc

WAR PRODUCTION BOARD

Washington, D. C.

March 1, 1943

2610, Tempo S Bldg.
Inorganics Section
Chemicals Division

To All Purchasers of Chlorine:

All shipments of chlorine made on or after April 1, 1943, shall be shipped against a three-months' allocation. Therefore, it is necessary that two copies of your PD-190, Application Order for Chlorine, be in the hands of your supplier on or before March 10, 1943 (March 5th if your supplier is not an actual producer of chlorine). This application shall cover your chlorine requirements for the months of April, May, and June.

If the total liquid chlorine you purchase during April, May and June will be 2000 pounds or less per month, or if the chlorine you purchase will be used for Potable Water Treatment, Industrial Water Treatment, Swimming Pool Sanitation, or Sewage Treatment, it is not necessary that you file a PD-190 form. However, your three-months' order must be received by your supplier at the same time as though you were filing a PD-190, and must carry the certification clause as previously outlined to you by your supplier and provided for in General Preference Order M-19 as amended December 1, 1942. If you do not come under one of the above classes, you must send your order and two copies of form PD-190 properly filled in to your supplier. We realize that the present PD-190 form is not particularly applicable to the ordering of chlorine for a three-months' period. Therefore, we submit the following, specific instructions to assist you in filing your application. With the following exceptions, all columns are to be filled in exactly the same manner as you would follow when ordering for one month only.

HEADING, "Application for Delivery During Month of _____".
This portion of the heading should be filled in to read "April, May, June 1943".

PART II, Column 19

Should show the quantity of chlorine requested from all sources for three months.

PART III, Column 25

Should show the quantity of products which contain available chlorine which you propose to purchase from all sources during the three-month period covered by your application.

PART IV, Column 32

Should show the quantity of chlorine requested for three months for each specific use or Key Number shown in Column 26.

PART V, Column 38

Should show the three-months quantity of chlorine ordered from the supplier to whom the form is directed. This total should equal the total of Column 32.

PART VIII, Columns 43 through 48

Should show the quantity of chlorine requested from this supplier for each of the three months. This total should also equal the total of Column 32.

Tentative shipping dates may also be given by inserting such in PART IX of form PD-190.

We wish to take this opportunity of calling to the attention of all pulp and paper manufacturers that PART IX should also contain their proposed production of the various pulps which they manufacture. This estimate should be broken down to show monthly estimates.

We would, further, like to point out that all persons who order chlorine for use specified as Key Number 49 or 51, must specify the exact name of the product which they propose to manufacture if the request is for 10 tons or more of chlorine for production of any one item.

We would appreciate your prompt attention to this matter, and wish to thank you for your kind cooperation of the past. If you have further questions, we suggest that you direct such to your chlorine supplier or the War Production Board.

Very truly yours,

Wilbur J. Strader, Jr.
Industrial Analyst
Chlorine-Alkali Unit

Telephone: REpublic 7500
Extension 73259

June 29, 1943.

Barada & Page, Inc.,
Guinotte & Michigan Ave.,
Kansas City, Mo.

Dear Sirs:

Will you kindly send us any literature you have
on the use of Calcium Chloride for dustproofing and
killing weeds on tennis courts?

Thanking you, I am

Sincerely yours,

Director of Physical Education,
Varsity Basketball Coach.

MONSANTO CHEMICAL COMPANY

ORGANIC CHEMICALS DIVISION
ST. LOUIS, MISSOURI

December 11, 1942

University of Kansas
Physical Education Dept.
Lawrence, Kansas.

Gentlemen:

WAR PRODUCTION BOARD PREFERENCE ORDER
M-19 AMENDED DECEMBER 1, 1942 COVER-
ING LIQUID CHLORINE.

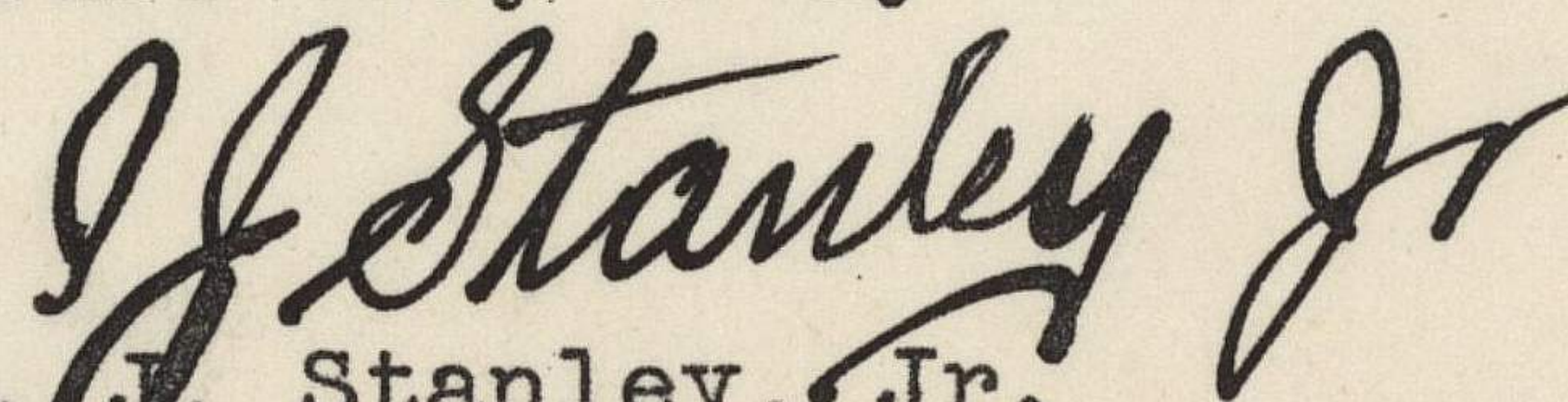
Attached is copy of the new amendment giving instructions as to how you may procure Chlorine beginning January 1, 1943. Some of the restrictions covering the use of Chlorine have been removed.

All orders for January should conform with the requirements of the December 1 amendment. Persons requesting January delivery of 2,000 pounds or less, or any quantity whatsoever for the use in treating industrial, sewage, potable, or swimming pool water need not make further certification. If your order or form P.D. 190 for January has already been sent to us, we will handle in accordance with the amended M-19.

All users shall henceforth file their orders so that they reach our distributor before the 5th of the month, or reach us before the 10th of the month, preceding the month in which delivery is sought. W.P.B. frowns upon interim requests. This is very important as we will not be allowed to set up a reserve for any use.

Will you please notify the proper people in your organization regarding the instructions to place orders before the 5th or the 10th of the month so that we may continue to take care of your requirements as you are in need.

Yours very truly



I. J. Stanley, Jr.
Assistant Manager of Sales

IJS:LW

WAR PRODUCTION BOARD

PART 960—CHLORINE

[General Preference Order M-19 as Amended
Dec: 1, 1942]

Part 960 is hereby amended to read Part 960—Chlorine.

Section 960.1 (General Preference Order M-19) is hereby amended to read as follows:

The fulfillment of requirements for the defense of the United States has created a shortage in the supply of chlorine for defense, for private account, and for export; and the following order is deemed necessary and appropriate in the public interest and to promote the national defense:

§ 960.1 *General Preference Order M-19—(a) Definitions.* For the purposes of this order:

(1) "Chlorine" means gaseous and liquid chlorine.

(2) "Producer" means any person engaged in the production of chlorine and includes any person who has chlorine produced for him pursuant to toll agreement.

(3) "Distributor" means any person who has purchased or purchases chlorine for resale.

(b) *Restrictions on use and delivery of chlorine.* (1) On and after January 1, 1943, subject to the provisions of paragraph (c) hereof, no producer or distributor shall use or deliver chlorine, and no person shall accept delivery thereof from a producer or distributor, except as specifically authorized by the Director General for Operations upon application pursuant to paragraph (f) hereof.

(2) During the period commencing December 1, 1942, and ending December 31, 1942, no person shall, subject to the provisions of paragraph (c) hereof, deliver, accept delivery of or use chlorine or "products containing available chlorine" as defined in General Preference Order No. M-19 as in effect prior to the date of this amendment, except in accordance with the provisions of such order.

(3) Each person affected by this order shall comply with such directions as may be given from time to time by the Director General for Operations with respect to the use or delivery of chlorine.

(c) *Exemptions.* The restrictions provided for in paragraphs (b) (1) and (b) (2) hereof, shall not apply to the following:

(1) Use by any producer or distributor of not to exceed 2,000 pounds of chlorine during any one month.

(2) Delivery by any supplier of not to exceed 2,000 pounds of chlorine to any one person in any one month and the acceptance thereof by any such person:

Provided, however, That each person seeking delivery of 2,000 pounds or less of chlorine during any one month shall file with his supplier at the time of placing his order a certificate in substantially the following form:

The undersigned hereby certifies that if delivery of the quantity of chlorine covered by the accompanying order is made, the undersigned will not have received, during the month in which such delivery is to be made, in excess of 2,000 pounds of chlorine; that such chlorine is to be used for the following purpose:

and that the amount of chlorine used for such purpose during the month of 1941 corresponding to the month in which such delivery is to be made was _____ pounds.

(Name of customer)

By _____
(Signature of authorized official)

Date _____ Title _____

Such certificate shall constitute a representation to, but shall not be filed with, the War Production Board.

(3) Use by any person of chlorine for potable water treatment, industrial water treatment, swimming pool sanitation or sewage treatment.

(4) Delivery of chlorine by any supplier to any person for use, or for resale for use, for potable water treatment, industrial water treatment, swimming pool sanitation or sewage treatment, or to the acceptance of any such delivery by any such person: *Provided, however,* That no person shall accept delivery of any chlorine under this paragraph (c) (4) if the chlorine inventory of the deliverer is, or will by virtue of the acceptance of delivery of the chlorine ordered, become, in excess of a 30 days' supply on the basis of his current method and rate of operation, except to the extent that such excess may be occasioned by the fact that the amount ordered is the smallest practical delivery unit.

(d) *Placing of orders.* Each person ordering chlorine from any supplier, including persons ordering chlorine under paragraph (c) hereof, shall place his order for chlorine on or before the 5th day of the month preceding the month for which delivery is requested if such supplier is a distributor, or on or before the 10th day of such month if such supplier is a producer, and no supplier shall be required to fill any order for chlorine unless the person ordering the same shall have complied with the provisions of this paragraph (d).

(e) *Production of chlorine.* Each producer shall comply with such directions as may be given from time to time by the Director General for Operations with respect to the production of chlorine.

(f) *Applications and reports.* In addition to such other reports as may from time to time be required by the Director General for Operations:

(1) Each producer and each distributor seeking authorization to use, and each person seeking authorization to accept delivery of, chlorine, pursuant to paragraph (b) (1) hereof, shall apply to the War Production Board for such authorization on Form PD-190 (Rev.), which form shall be prepared and filed in the manner prescribed therein.

(2) Each producer and each distributor seeking authorization to deliver chlorine pursuant to paragraph (b) (1) hereof, shall apply to the War Production Board for such authorization on Form PD-191 (Rev.), which form shall be prepared and filed in the manner prescribed therein.

(g) *Notification of customers.* Producers and distributors shall, as soon as practicable, notify each of their regular customers of the requirements of this order, but failure to give such notice shall not excuse any such person from complying with the terms hereof.

(h) *Miscellaneous provisions—(1) Applicability of priorities regulations.* This order and all transactions affected hereby are subject to all applicable provisions of War Production Board Priorities Regulations, as amended from time to time.

(2) *Violations.* Any person who wilfully violates any provision of this order, or who, in connection with this order, wilfully conceals a material fact, or furnishes false information to any department or agency of the United States is guilty of a crime, and upon conviction may be punished by fine or imprisonment. In addition, any such person may be prohibited from making or obtaining further deliveries of, or from processing or using, material under priority control and may be deprived of priorities assistance.

(3) *Communications to War Production Board.* All reports required to be filed hereunder, and all communications concerning this order, shall unless otherwise directed, be addressed to: War Production Board, Chemicals Division, Washington, D. C., Ref.: M-19.

(P.D. Reg. 1, as amended, 6 F.R. 6680; W.P.B. Reg. 1, 7 F.R. 561; E.O. 9024, 7 F.R. 329; E.O. 9040, 7 F.R. 527; E.O. 9125, 7 F.R. 2719; sec. 2 (a), Pub. Law 671, 76th Cong., as amended by Pub. Laws 89 and 507, 77th Cong.)

Issued this 1st day of December 1942.

ERNEST KANZLER,
Director General for Operations.

Sept. 30, 1941

Mr. I. J. Stanley, Jr.
Assistant Manager of Sales
Monsanto Chemical Company
St. Louis, Mo.

Dear Mr. Stanley,

Thank you for your letter and enclosure of Sept. 3 explaining your set-up in the production of chlorine.

We understand fully your position in this emergency.

Our situation here is that our pool serves most of the 4000 students enrolled in the University of Kansas and since swimming is a required course, it is necessary for us to keep the water safe for the student's use.

We have found in the past that one cylinder of chlorine is enough to supply us for two years.

Since our last order was filled in August of this year, we do not expect to need more chlorine until the summer of 1943.

Thank you for your letter.

Sincerely yours,

FCA/pg

Director of Physical Education and Recreation
Varsity Basketball Coach

MONSANTO CHEMICAL COMPANY

ORGANIC CHEMICALS DIVISION

ST. LOUIS, MISSOURI

September 3, 1941

University of Kansas
Physical Education Dept.
Lawrence, Kansas

Gentlemen:

We attach a statement covering our interpretation of General Preference Order No. M-19 issued to all producers of Chlorine in the United States by the Office of Production Management. This Order is to conserve the supply and direct the distribution of Chlorine. The attached also includes a summary of the Civilian Allocation Program issued by Leon Henderson, Administrator, Office of Price Administration and Civilian Supply. On the basis of orders received, it has been necessary for us to formulate certain general policies.

First, no new business will be accepted, either spot or contract.

Second, no renewal contracts will be accepted.

Third, present contract consumers falling under the Civilian Allocation Program classification will be supplied up to the maximum of their contracts and in emergency, additional cylinders, if available, unless requirements to National Defense under Government priorities makes such procedure impossible.

Fourth, we will endeavor to supply spot customers who purchased their requirements from us in 1940 up to an amount they purchased during that year. We will also endeavor to cover them in a reasonable amount where water conditions demand heavier chlorination than in the previous year.

In view of our desire to take care of your requirements under these conditions, we suggest you obtain from the Office of Production Management or Office of Price Administration and Civilian Supply priorities extended to us, thus assuring you of the maximum available in accordance with preference ratings furnished us.

We are certain you appreciate the urgency of this situation and look forward to your prompt reply.

Yours very truly

I. J. Stanley, Jr.
I. J. Stanley, Jr.
Assistant Manager of Sales

MM

September 3, 1941

MONSANTO CHEMICAL COMPANY

St. Louis, Missouri

The Office of Production Management has issued General Preference Order M-19, effective July 26, 1941, which is for the purpose of conserving the supply and directing the distribution of Chlorine. The Office of Price Administration and Civilian Supply has issued the Civilian Allocation Order covering Chlorine after defense needs have been cared for.

In accordance with our understanding, General Preference Order M-19 places Chlorine under mandatory control, shipments to be made in accordance with Preference Ratings received by the producer. When a defense order for Chlorine is offered to the producer, it shall be accepted providing such order meets the regular prices and terms of sale of such producer and deliveries shall be made under such order in accordance with the Preference Ratings assigned thereto and the delivery schedule specified thereunder, even though deferment of deliveries under non-defense orders previously accepted is necessitated thereby.

Under the Civilian Allocation Program, the order provides "adequate supplies of Chlorine shall be allocated for the following uses -- water purification, sewage treatment, sanitation, refrigerant gases for existing equipment, slime control in industrial plants, preparation of products for medicinal use, preservation and processing of food products."

In accordance with our understanding, it is indicated that the total defense plus the civilian demand for Chlorine is in excess of the available supply, and the Government has decreed that Chlorine shall be furnished for the defense program in accordance with General Preference Order M-19 after which adequate supplies of Chlorine shall be allocated to the uses given above. If any Chlorine remains, it can be sold for various civilian uses of lesser importance.

SERVING INDUSTRY, WHICH SERVES MANKIND



WALLACE & TIERNAN SALES CORPORATION
NEWARK, NEW JERSEY



SC 01281A

SHIP ON 3-18-42 VIA PARCEL POST



AUTHORITY FOR ORDER THEIR ORDER DATED 2-27-42

ORDER ENTERED ON 3-6-42 APPROVED BY MM:CG CLASS & DIST. SC SAN#83

JOB SAME

REMARKS

CONTROL	STOCK	TEST	INSP.
SHORT SHIPTS.			S. S. O. No.
PACKED	SHIPPED	WEIGHT	PKGS.

WE THANK YOU FOR YOUR ORDER.

If any correspondence is necessary in connection with this order, we will appreciate your quoting our order number in your letter. Wallace & Tiernan Sales Corporation, accepts this order on condition that its liability shall be limited to replacement of any defective material of its manufacture F. O. B. Newark, N. J., within a period of one year after shipment.

The amount of any present or future sales or other similar tax, Federal or State, which Wallace & Tiernan Sales Corporation shall now or hereafter be liable for or required to pay either on its own behalf or on behalf of the purchaser or otherwise with respect to the material covered by this order, shall be added to the invoice and paid by the customer

SOLD TO UNIVERSITY OF KANSAS
LAWRENCE, KANSAS

SHIP TO UNIVERSITY OF KANSAS
PHYSICAL EDUCATION DEPT.
LAWRENCE, KANSAS

MARKS

MARKS ORDER/2815

YOUR ORDER No. 2815 DATE SHIPPED SHIPPED VIA INVOICE DATE

ITEM	QUAN.	✓	MATERIAL	PRICE	ISSUE	DWG. No.	✓	AMOUNT
1	ONE		PRIORITY/P-100; RATING A-10 45 FT. LGTH 1/2" CHLORINE TUBING			* P-1024		

February 6, 1942.

Barada & Page,
Guinotte & Michigan Avenues,
Kansas City, Missouri.

Dear Sirs:

The chlorinator here in Robinson Gymnasium
which serves the swimming pool is in need of some repair.
Would it be possible for you to send a service man to
inspect it within the next few days?

Sincerely yours,

Director of Physical Education and Recreation,
Varsity Basketball and Baseball Coach.



BARADA & PAGE, INC.

AGRICULTURAL & INDUSTRIAL CHEMICALS

GUINOTTE & MICHIGAN AVES.

KANSAS CITY, MISSOURI

February 7, 1942.

KANSAS CITY, MO.
TULSA, OKLA.
OKLAHOMA CITY, OKLA.
WICHITA, KANS.
DALLAS, TEXAS
HOUSTON, TEXAS
NEW ORLEANS, LA.

University of Kansas,
Lawrence, Kansas.

Gentlemen:

Att: Mr. Forrest C. Allen,
Director of Physical Education
and recreation.

We thank you for your letter of
Feb. 6 regarding the chlorinator at Robinson Gymnasium.

We have turned your letter over to
the Wallace & Tiernan Co., Kansas City, and if the
Chlorinating equipment is theirs, they will be more than
glad to get in touch with you.

We thank you for remembering us and
regret it is not possible for us to be of specific help
to you in this instance.

Yours very truly,

O. A. Collins
Sales Manager.

OAC:EJ