III D correspondence de maps, etc
for war strategies
1943
Mr. E. J. Ford,
Special Assistant Attorney General,
305 Chaumut Bank Building,
82 Devonshire Street,
Boston, 9, Massachusetts.

Dear Sir:

I received a letter recently from Mr. Horner Noerlin of Binghamton, New York, in which he informs me that you desire to borrow from him certain maps of Central Europe, particularly those of the Austrian Alps along the Italian Border, and requests that I notify you the present whereabouts of these maps.

The maps in which you are interested, and which Mr. Noerlin has no doubt described to you, were picked up early in 1942 by myself and Investigator F. Dale McGhanan of this Unit in the course of a special investigation, along with other data pertaining to that investigation. In accordance with specific instructions received from the officials directing the investigation, all information, such as maps and items appearing to have military significance or value, were turned over to a Captain Murray of the Army Intelligence, who at that time had offices in the vicinity of Fiftieth Street and Seventh Avenue in New York City. This was in January or February, 1942.

Mr. Noerlin apparently made notes of all material that was turned over to the Treasury Department representatives by him in the course of the above referred to investigation, which concerned all of the personnel of the Agfa-Ansco Plant in Binghamton and the Condensed Products Division in Johnson City, so he has included in his letter to me a detailed description of the maps in question, which reads:

a. The Stuba mountains Area, east and west of the Brenner Pass
b. The "Venediger" Mountains.

The maps were on a scale of 1:25,000, and Mr. Noerlin states that both were of recent publication by the German and Austrian Alpine Club.

As stated previously, at the time these maps were turned over to me, Mr. Noerlin, along with others, was the subject of an intensive investigation. However, every contact with Mr. Noerlin was a pleasant one; he cooperated with us in all respects, answered all questions put to him frankly, and expressed a desire to be given an opportunity to
cooperate with the Department in any way that he could be of value. Mr. Haerlin, being a mountain climber of some reknown, would be in a position to assist you with the geographical and topographical details of the locations in question, and I am sure that he would appreciate an opportunity to be of service to you if given the opportunity.

Very truly yours,

William Honkala
Investigator
Alcohol Tax Unit.
May 21, 1943

Mr. Hermann Hoerlin
35 Vermont Avenue
Binghamton, New York

Dear Mr. Hoerlin:

Mr. John J. Curran of this office recently had the pleasure of interviewing Mr. Hannes Schneider of the Eastern Slopes Ski School, North Conway, New Hampshire. The purpose of this interview was to obtain detailed information concerning the Austrian Alps. Mr. Schneider has been extremely cooperative in this matter. Certain maps that are necessary in continuing our report on this subject are lacking and Mr. Schneider believes that you have these detailed maps. We are, therefore, writing you to ask if you would be willing to loan them to this Department.

The maps referred to cover the area showing the Stupaiier Alps showing east from Oetztaler Alps to Brenner Pass, also from Brenner Pass further east showing the Ziller and Tauern Alps. These maps are entitled D. U. OE A-W maps, and I believe you will recognize them from this heading.

We will appreciate hearing from you as soon as possible.

Yours truly,

TOM C. CLARK
Assistant Attorney General

By: ELMOND J. FORG
Special Assistant to the Attorney General
June 16, 1943

Mr. Hermann Hoerlin
35 Vermont Avenue
Binghamton, New York

Dear Mr. Hoerlin:

I thank you very much for your letter of June 14 in which you describe five maps covering Austria and bordering countries of Switzerland, Italy, and Yugoslavia.

I will appreciate it if you will mail these maps to me as soon as possible, as I feel that we can obtain valuable information for projects on which we are at the moment engaged. These maps and any other data that you send us can be returned as soon as our projects have been completed.

I received the Baedekers on Austria and Northern Italy, also the map of the Dolomites. As I already have the books and the map in my library, I am returning those that you sent, with thanks. I trust that they will reach you at an early date.

The maps that you turned over to the Treasury Department are quite important and we hope that you will be able to find out what disposition has been made of them.

With best regards.

Very truly yours,

TOM C. CLARK
Assistant Attorney General

By Edmond J. Ford
Special Assistant to the Attorney General
June 17, sent the 5 maps.

June 19, letters a. to
Mr. William Honkala
Alcohol Tax Bureau
(Us. Treasury)

and b. to Mr. Ford

Joining him Mr.
Honkala's name
and address.
DEPARTMENT OF JUSTICE
905 Shawmut Bank Building
32 Devonshire St., Boston 9
Massachusetts

June 4, 1943

Mr. Hermann Hoerlin
35 Vermont Avenue
Binghamton, New York

Dear Mr. Hoerlin:

Your letter of May 27th contains very interesting information. I regret that you are unable to furnish the map that you describe on the Stubaiier Mountains and the Venediger Mountains. I wondered if you could locate the employees of the Treasury Department to whom you turned over the maps and learn from him of the disposition he made of them.

It is probable that he sent them to Washington, and if so, I would like to know to which department they were sent. These maps I mention would be of great help to us on the project in which we are now engaged. The information you give relative to other maps I will endeavor to run down. I will also communicate with Mr. Hall of Cambridge whom you mention.

With best wishes.

Very truly yours,

TOM C. CLARK
Assistant Attorney General

BY

EDMOND J. FORD
Special Assistant to the Attorney General
DEPARTMENT OF JUSTICE
805 Shawmut Bank Building
82 Devonshire St., Boston 9

July 2, 1943

Mr. Hermann Hoerlin
35 Vermont Avenue
Binghamton, N. Y.

Dear Mr. Hoerlin:

I have received a letter from William Homkala, Investigator of Alcohol Tax Unit, Syracuse, New York, relative to the two maps that he obtained from you. He states that they were turned over to Captain Murrey of the Army Intelligence, New York City in January or February of 1942.

From this information, I am sure that I will be able to locate them and I wish to thank you for your cooperation.

The maps that you have already sent us have been found to be of value and I will mark them to be returned to you when they have served their purpose.

Yours truly,

Tom C. Clark
Assistant Attorney General

By: Edmond J. Ford
Special Assistant to the Attorney General
35 Vermont Avenue
Binghamton, N. Y.
May 27, 1943

Mr. Tom C. Clark
Asst. Attorney General
Department of Justice
809 Shawmut Bank Building
82 Devonshire St., Boston

Dear Mr. Clark,

Thank you for your letter of May 27. When I lived in Germany, I owned practically every important D. Oe. A-V map. However, when I came to this country in 1935 I left some of my belongings at the home of my mother in Southern Germany, among them most of the maps. I then didn't think that they might eventually be of any value over here.

Incidentally, I brought two maps with me. They were, so far as I remember

1) the map of the Venediger Mountains (Hohe Tauern, north of Lienz and south of Krimml). This map was published in 1938, and attached to the Zeitschrift des D. Oe. A. V. 1938 (Yearbook of the German and Austrian Alpine Club 1938).

2) the latest map of the south-eastern part of the Stubai Alps, scale 1:25,000, published appr. 1936 or 1937 and also attached to one of the D. Oe. A-V yearbooks. This map is one of the best, probably the best, ever published by the D.Oe. A-V on the basis of a terrestrial photogrammetric survey by Professor Finsterwalder Jr.. As far as I remember, the map covers in its most eastern part the upper Gschnitztal (Austrian) and the upper Pflerschtal (Italian). A very short piece of the railway line Bozen-Brenner Pass is also shown (? west of Gossensass).

In March 1942 I gave the two maps to a representative of the U. S. Treasury Dept., together with a few maps and tourist guides of West- and North-German cities. (Since I am an employee of Agfa Ansco, a company which was German-owned before the outbreak of the war, and therefore taken over by the treasury Dept., I had some contact with representatives of this department). Unfortunately, I have forgotten the name of the particular Treasury agent who was interested in the maps etc.; however, if it is desirable, I will be able to locate him.

Among my books here in Binghamton I have two guide books which might be of some value to you. One is Baedeker's Oesterreich, the other Baedeker's Ober Italien. Both are rather old editions, but some of the detailed maps (many cities etc.) are not completely antiquated and
show very well locations of railway stations etc. I am sending you these two books under separate cover, together with a very old (1903) map of the Dolomiten Mountains. The latter shows part of the Eiseck valley between Bozen and Brixen (south of the Brenner Pass).

I possess two additional Baedekers (Northern and Southern Bavaria) which I will gladly lend to your Department if so desired.

As to the other D. Oe. A. V. maps, the following information might help you to locate one or the other map. The maps of this organisation were always published together with the yearbook. Therefore, if you should be able to locate a set of yearbooks you would get the maps automatically. It should be possible to obtain the yearbook in one of the bigger libraries in this country; furthermore, I assume that the American Alpine Club, and perhaps even the Appalachion Mountain Club may have the yearbooks and perhaps an extra set of maps. It is also probable that the National Geographic Society in Washington D. C. can be of great help.

I am sure there are many previous members of the D. Oe. A. V. now residing in this country. Some certainly possess the D. Oe. A-V yearbooks. Since membership in all kinds of organisations had to be registered by aliens of enemy nationalities it might be worthwhile to approach some of these members.

I had very little contact with members of The American Alpine Club, but I am quite sure that a few American members of the club were also members of the D. Oe. A.V. The address of the American Alpine Club is not known to me.

I once met a member of this organisation who did much climbing in Alaska and also, I think, in Europe. He is Mr. Henry S. Hall, Jr., 154 Coolidge Hill, Cambridge, Mass. This address was correct 2 years ago and I hope it still is. Mr. Hall will certainly try to assist you.

Complete lists of all maps published by the D. Oe. A. V. were occasionally brought out in form of advertisements in the monthly "Mitteilungen des D.Oe. A.V." The Mitteilungen, after 1936 or 1937, were attached to the "Bergsteiger", another illustrated weekly magazine, published as an unofficial D.Oe.A.V. publication.

The map of the Brenner Pass area, scaled 1:50,000, is probably of great importance to you. This map is not one of the latest and best D. Oe. A. V. maps, but it is still a very good map, better than the old Dolomiten maps. Excellent are the maps of the Zillertaler
(3 maps), and especially of the Grossglockner Mountains. The map of the Schober Gebirge (next to the Hohe Tauern) appeared in 1935 or 1936.

The D. Oe. A. Vo planned to make a complete new survey (photogrammetric) of the Oetztaler and Stubaier Mountains as early as 1932. Work was started shortly afterwards, and the first map, the south-eastern part of the Stubaier Alps, was put out, as mentioned above, in 1936 or 1937. When I left Germany in 1938 the North-Stubai was nearly completed and might have been published in 1939. Work was also in progress in the southern Oetztaler Mountains, and still underway in 1940 and 1941, as I learned from a letter shortly before the outbreak of the war.

Older D. Oe.A.V. maps of the Stubaier and Oetztaler Alps existed. I think they were pre-World-War maps and are therefore not up to date. The old Austrian "Militärigraphisches Institut" also published long ago several maps of the Oetztaler etc., scale 1:75,000. These maps are, however, rather poor. Other maps of perhaps medium quality were published by the "Kartographische Anstalt Freytag und Berndt" in Vienna.

In 1937 and 1938 the D. Oe.A.V., started work on a map of the Rhaetikon, the mountains near Schruns in Vorarlberg (Montavon Valley etc.). The survey was to be made by means of aerial "Photogrammetrie". The eastern part of the map was to show the little village of Farthenen and the big dam and powerstation on the Ill River, only a few miles south of Farthenen. I think it unlikely that the map was completed.

I will be glad to give you any possible further assistance, and am hoping that my suggestions will help you to locate the desired maps.

Very truly yours,

Hermann Hoerlin
Mr. F. Dale McClanahan  
Alcohol Tax Unit  
Federal Building, Utica, N.Y.

Dear Mr. McClanahan:

I hope this letter will reach you by way of your old office.

A few days ago I was asked by a Government Agency whether I owned any maps of the Austrian Alps especially of the area close to the Italian border. I gave two of these maps approximately a year ago to one of the Treasury agents stationed with you at Agfa Ansco for a while. Unfortunately I forgot his name. I have a faint idea that his first name was Bill (?) and the second something like Hunkle?? He was together with you when I had an interview some evening at the Federal Building in February or March 1942. He was a short man and rather stout and looked to me as if once he had been an Army officer. That evening he asked me whether I owned any maps, plans or photographs of localities in Germany. The next morning I brought him several city plans, tourist guides and two of the newest maps of parts of the Austrian Alps, scale 1:25,000 and 1:50,000.

Would you be kind enough to give me the name and if possible the present address of your colleague so that I may forward it to the Agency in Boston, a branch of the Department of Justice?

How have you been? I understand you received a Commission in the Army or Navy? There were a few changes in Binghamton since you left. You probably heard that Mr. Marshall resigned last December; I regret it because he was a man of action - perhaps too much so sometimes, but better too much than not enough. Mr. Elchols took his place and is liked by everybody. My "friend" Willy was transferred to Easton in November - it took a long time!

I do hope to see you again some time. Please drop in if you should come to Binghamton. Mrs. Hoerlin and I remember well the pleasant evenings we were able to spend with you.

With best wishes from both of us.

Sincerely yours,

Herman Hoerlin

Herman Hoerlin
Mr. F. Dale McClanahan  
Alcohol Tax Unit  
Federal Building, Utica, N. Y.

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With best wishes from both of us

sincerely yours,

Herman Hoerlin
Lieber Hermann!

Vieleicht hast Du schon, oder in den nächsten Tagen, wirst Du ein Schreiben erhalten aus Boston, vom Department of Justice, Mr. John J. Curran. Mr. Curran wird Dich fragen, ob Du nicht die A.V. Karten vom Stubaierr, Zillertal, und dem Tauern Gebiet hast und Du dieselben ihm zur Verfügung stellen würdest. Mr. Curran war jetzt zwei Tage bei mir und wir haben zusammen das Otztaler Gebiet durchgearbeitet. Es handelt sich darum, was für Förmataionen und wo dieselben über die Alpen nach Norden vorstossen könnten. Ich habe leider keine Karten hier und die Otztalerkarte habe ich von Franz Kössler bekommen. Die Autokarten genügen natürlich nicht, da man daraus nichts von Bergen lesen kann. Du kannst Dir denken um was es sich handelt und muss es Dir wohl nicht erklären. Vorbereitung, das ist Alles ich habe Mr. Curran Deine Adresse gegeben und ihm auch gesagt, dass ich Dir schreiben werde und dass ich überzeugt wäre, falls Du diese Karten hättest, Du dieselben ihm zur Verfügung stellen würdest.


Was sagtest Du zu Afrika? Ich hätte es mir nie träumen lassen, dass so viele Truppen sich ergeben würden. Wahrscheinlich hatten sie doch die Nase voll und vor gezogen, Gefangene zu werden, anstatt für Adolf zu sterben. Die Luftoffensivew, muss auf das Volk sehr deprimierend wirken und was man es überdenkt es ist schrecklich, aber es muss leider sein. Bis Weihnachten dieses Jahr, werden wir noch allerhand erleben, nun geht es erst los, mit Ausnahme der Russen, die ihre Sache bereits geleistet haben. Die Rede von Churchill, fand ich sehr klug und gut.

Mit den herzlichsten Grüßen an Euch.

Alle

Dein

Hannes
Lieber Hermann!


Ich hatte gerade die wärmsten Tage in Wash. es hatte in der Früh noch über 90 Grad. Es war sehr interessant, eine Menge Fragen zu beantworten, die für mich jedoch sehr einfach waren. Es freut mich ein bisschen mithelfen zu können, um diesen Krieg zu gewinnen.


Wegen dem Schuhmacher in Boston, weis ich nicht ob er auch Bergschuhe macht, aber gute Skischuhe. Seine Adresse ist oder war Peter IMMER, Boyleston Mt., Jamaica Plain, Mass.


Habe noch eine Menge Post zu erledigen und muss daher auch Schluss machen, den Morgen heisst es wieder mit Hacke und Steinschlegel arbeiten. Seit Alle recht herzlich gegrüßt und auf Wiedersehen.

Dein

Hannes
Meine lieben Hoerlin's!

Herzlichen Dank, für Eueren lieben Brief, vom 14. April. Ich sehe daraus, dass Ihr Alle bei bester Gesundheit seit und das ist wohl die Hauptsache.


Euer

[Unterschrift]
Dear Mr. Ford,

I have written to one of the Treasury agents who was stationed in Binghamton a year ago and have asked him to and address for the name of the particular agent to whom I gave the two maps. I hope to receive soon an answer.

Yesterday during spring cleaning I found 5 more...
Maps of the German and Austrian Alps. They are


At Eastern Austria and parts of Italy and Jugoslavia.
107 Crestmont Road
Binghamton, N. Y.

If you would be interested in these maps I will gladly send them to you.

I wonder whether you have received the two Baedeekers and the Holstein map which I sent you approx. 2 weeks ago. I would your acknowledgement would be very much appreciated!
1: 25 000.

Kofer - Kaibing - A Reich  
(south of  
est of Berchtesgaden)  
a typical D.O.A.X map.

4. Westliches Salzammergut  
(Salzburger Aerea)  
Kgl. of Freytag und  
Berndt, Turistenkarten  
1: 100 000

5. Berchtesgaden - Salzburg  
No. 10 of Freytag & Berndt  
Turistenkarten  
1: 100 000.
3.

Should they the guidebooks and the map be of no value to you? I wish you would return them.

With best wishes,

Very truly yours.
318 W. Seneca Tpk.
Syracuse, 7, New York.

June 27, 1943,

Mr. Herman Hoerlin
35 Vermont Ave.
Binghamton, New York.

Dear Sir:

This is to advise you of the receipt
of your letter and your request that I advise
Mr. E.L. Ford, Assistant Attorney General, Department of Justice, the whereabouts of certain
maps which I secured from you during the early
part of 1942.

The enclosure is a copy of the letter
which was addressed to Mr. Ford at your re-
quest.

Very Truly Yours

[Signature]

William Honkala.
Mr. N. Bursler  
225 Broadway, 8th floor  
U.S. Department of Justice  
New York City

Dear Mr. Bursler:

When I had the pleasure of meeting you at the Agfa Ansco Plant about 10 days ago I promised to send you a sketch showing the geographical situation of the Wolfen Plant and of the adjacent plants in Dessau and Bitterfeld. As Dr. Eckler asked me the following day to study some recent reports from Wolfen (up to 1939) I forwarded the result of these studies together with my sketchy map to him. I am sure you will have received them in the meantime.

I would like to say that I cannot guarantee for the absolute correctness of the map as I had to draw it by memory, to the best of my knowledge. I am sure, however, that I gave a fairly accurate picture of the various plants' approximate location.

In the northern outskirts of Dessau - I do not remember whether it is still south or directly north of the Elbe River - there is another factory which before the war used to make railway cars. It is quite a big plant with at least one high smokestack.

Furthermore I remember that I.G. Farbenindustrie was erecting in 1937-1938 a big new factory a few miles south of Halle for synthetic rubber production (Buna). A completely new railway station was built with the name of Schopkau or a similar name, I do not recall it exactly, on the main line from Halle to Weissenfels. The Leuna Works are situated on the same railway line, only a few miles south of Merseburg.

During your visit in Binghamton I estimated the number of Agfa employees in Wolfen with approximately 10,000 to 12,000. This estimate probably was too high. According to the Wolfen reports there are only 3300 employees for the Filmplant alone. This number seems to be correct but does not include the technical and engineering staff.
I arrived at my estimate of 10,000 or more by comparing the production capacities of Agfa Anscoc with Agfa Germany, not considering at the moment the fact that in Germany the Camera Plant is in Munich, the Paper Plant in Leverkusen, the Sales and Phototechnical Staff in Berlin and that part of the filmbase is manufactured in Eilenburg. The Landshut Plant was not yet in operation at the outbreak of the war in Europe. The number of Agfa employees throughout Germany was probably close to 10,000 late in 1939.

This number agrees fairly well with the number of more than 4800 employees given for the year 1929 in the Agfa Kine Handbook forwarded to you by Dr. Eckler. There is no doubt that Agfa Germany expanded considerably after 1929 especially in the years 1934 to 1939.

Hoping that this information will be of some value, I am

very sincerely yours,

Herman Hoerlin
Mr. Norman Bursler  
Department of Justice  
New York, New York

Dear Mr. Bursler:

Please excuse the delay in answering your letter of March 3. I was very busy and therefore unable to examine the Wolfen monthly reports as early as I intended to. In the meantime, however, you received through Dr. Eckler's office most of the information you asked for.

I will try to answer in the following paragraphs some of your questions to my best knowledge.

Number of employees: I could not locate any date in regard to the number of employees in the technical and engineering departments. I would estimate that there were approximately 400 in 1938. How the number of the Filmplant employees varied between January 1937 and November 1938 is shown in the attached table. Complete figures for November 1938 to November 1939 have been forwarded to you by Dr. Eckler. You received also figures showing the production of nitrate and acetate 35 mm film. I was unable to locate yearly production figures; apparently only monthly reports have been sent by Wolfen. These reports do not contain any figures in regard to production of Aerial and Infra-red Film. I remember, however, that quite a substantial amount of these items was manufactured in 1937 and 1938.

The second table attached to this letter gives some data in regard to film production per manhour. Since various types of film consist of varying numbers of layer's - one emulsion layer only; or 2 emulsions layers, or 2 emulsion layers on one side and a antihalo layer on the opposite surface, or 4 layers like colorfilm - the figures are presented as shown in the table.

No data are available showing the amount of fuel used in producing a given quantity of film, in the Wolfen Plant. The same seems to be the case in regard to your last question, I think, however, that the quantities of raw materials required to produce a given quantity of film are roughly the same in Germany as in this country. Data showing 1939 production figures of "Klarscheiben Film" for gasmasks have being given to you through Dr. Eckler.

Hoping that the present information is of some value to you, I am very truly yours,

Herman Hoerlin
1. Location: "Fell". Village of approx. 4,000 inhabitants.
   Railway station of two-track line Sheffield-Leeds (Electric), approx. 4 miles from Sheffield.
   Factory located on east end of village, ½ mile from railway station.
   Industrial locomotive Railway connecting to the factory. See attached sketch for
   geographic location (Fig. 1).

2. Description: In 1935, the plant was estimated to have ½ of the plant
   capacity. In 1942, it was engaged in manufacturing of Kristall, fibre, and
   plates. For a rough outline of the plant, please refer to the attached
   production chart and data file handbook. The other half of the plant produces
   synthetic fibre from woodpulp.

3. Date of founding: The factory in "Fell" was built in 1904.
   Became member of T.G. Corporation in 1921. Reason for choosing "Fell"
   is location near deep forces. Sheffield is center of a large lignite (soft coal)
   area.
   Extension of the part of the factory
   containing asbestos rock and silk started
   ca. 1928 was operational 1934, 1935."

"Villa "Fell". Fern"
4. Number of yrs. employed
   Wolfen Klempen:
   November 1938: 3150
   November 1939: 3400

5. Production program:
   Nov 1938     Nov 1939

   Old boilerhouse and powerplant:
   1928: 10,000 kwatts
   New intermediate powerplant
   Area not available but it is estimated that capacity of at least 57,000 kw.

6. Raw material supply.
   Before 1925:
   Cotton, raw jute
   Maple: Kentucke, Cellulose, fabric for clothing
   High, low, high
   Also part of the same portion of completed from here to Wolfen.

   After 1925:
   J.G. plants, most of it probably "Färbenfabrik Wolfen" (see sketch)
1. Administration

2. Preparation. The products are mixed and processed to tablets and shipped directly to the customer and wholesale trade.

3. Transportation facilities

a. Railway: Bitzer field and others are important railway centers. Efficient and fast transportation by train and other methods.

4. Adrenal salve

5. Brand name of 7.5f.

6. Ascella cellen

The Adena jewel shop in America was founded more than 50 years ago. The style...
Photo. plant was situated in Berlin 1936 (manufacturing of plates and photographic equipment) and after the foundation of the firm, which in 1949 most of those departments were gradually transferred to Gotha. The Berlin site, hence today a large pure large photographic and sales staff.

Other Agfa Plants:

Agfa Camera works in Munich, Bavaria
(since appr. 1926)


Ootsee near:

In November 1939 production was somewhat handicapped by insufficient supply of film base from Eternity.
<table>
<thead>
<tr>
<th>Date</th>
<th>Nov 18</th>
<th>Nov 30</th>
</tr>
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<td>10.7</td>
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<tr>
<td>16 km Kern</td>
<td>1.5</td>
<td>1.5</td>
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<tr>
<td>Almonds</td>
<td>2.5</td>
<td>2.6</td>
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<tr>
<td>57,000 pimper</td>
<td>63,000</td>
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<tr>
<td>64,000 Fenocinols</td>
<td>110,000</td>
<td>28m</td>
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<tr>
<td>300,000 pim.</td>
<td>320,000</td>
<td>19m</td>
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<td>27,000</td>
<td>34,000</td>
<td>5pm</td>
</tr>
<tr>
<td>4,000</td>
<td>3,000</td>
<td>4</td>
</tr>
<tr>
<td>12,000</td>
<td>150,000</td>
<td>2kgs</td>
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<td>3,150</td>
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Chemicals (Including fines)

Employees

W. E. Blythe / Capital
H. M. Swift
E. T. Young / Store
<table>
<thead>
<tr>
<th></th>
<th>1928</th>
<th>1934</th>
</tr>
</thead>
<tbody>
<tr>
<td>per 1000 m Erection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cost (g)</td>
<td>2.02</td>
<td>1.67</td>
</tr>
<tr>
<td>Cost (k)</td>
<td>3.46</td>
<td>3.37</td>
</tr>
<tr>
<td>per 100 kg Hamulsion</td>
<td>74</td>
<td>80</td>
</tr>
<tr>
<td>per 100 grams, Riepen</td>
<td></td>
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</tr>
<tr>
<td>per 100 fl. Pimperko</td>
<td>16.3</td>
<td>12.7</td>
</tr>
<tr>
<td>per 100 gn. Cherrins, Reffin</td>
<td>44.4</td>
<td>43.2</td>
</tr>
</tbody>
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