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|--|--|--|--|
| <b>NRC FORM 7</b><br>(3-94)<br>10 CFR 110  |  | <b>U.S. NUCLEAR REGULATORY COMMISSION</b><br>APPROVED BY OMB: NO 3150-0027<br>EXPIRES: 3-31-97   |  |
| <b>APPLICATION FOR LICENSE TO EXPORT NUCLEAR MATERIAL AND EQUIPMENT</b><br><i>(See Instructions on Reverse)</i>  |  | ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 1.7 HOURS. THIS MANDATORY SUBMITTAL IS REVIEWED TO ENSURE THAT THE APPLICABLE STATUTORY, REGULATORY, AND POLICY CONSIDERATIONS ARE SATISFIED. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (T-6 F33), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0027), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503. |  |
| 1. APPLICANT'S USE ----->  | a. DATE OF APPLICATION<br>2/25/97  | b. APPLICANT'S REFERENCE<br>PHUSXC-001   | 2. NRC USE ----->                                |
| 3. APPLICANT'S NAME AND ADDRESS  |  | a. DOCKET NUMBER<br>11004941   |  |
| a. NAME<br>Philips Electronics N.A. Corporation  |  | b. LICENSE NUMBER<br>XCOM1103  |  |
| b. STREET ADDRESS (Facility Site)<br>21 Grace Church Street  |  | 4. SUPPLIER'S NAME AND ADDRESS<br><i>(Complete if applicant is not supplier of material)</i>   |  |
| c. CITY<br>Port Chester  | d. STATE<br>NY   | a. NAME<br>Philips Elmet a div of Philips Electronics  |  |
| e. ZIP CODE<br>10573   |  | b. STREET ADDRESS<br>1560 Lisbon Road  |  |
| f. TELEPHONE NUMBER (Area Code - Number - Extension)   |  | c. CITY<br>Lewiston  | d. STATE<br>ME                                   |
|  |  | e. ZIP CODE<br>04011   |  |
| 5. FIRST SHIPMENT SCHEDULED<br>ASAP  | 6. FINAL SHIPMENT SCHEDULED<br>N/A   | 7. APPLICANT'S CONTRACTUAL DELIVERY DATE<br>8/23/96  | 8. PROPOSED LICENSE EXPIRATION DATE<br>12/31/97  |
| 9. U.S. DEPARTMENT OF ENERGY CONTRACT NO. (If known)   |  |  |  |
| 10. ULTIMATE FOREIGN CONSIGNEE   |  | 11. ULTIMATE END USE   |  |
| a. NAME<br>CONUAR Nucleares Argentio   |  | USE CODE   |  |
| b. STREET ADDRESS (Facility Site)<br>Centro Atomica Ezeiza/PDO Esteban Echeverria  |  | To be used in moly boats for sintering of uranium oxide pellets in our Lindberg sintering furnaces. The pellets will be used for nuclear fuel generation.  |  |
| c. CITY<br>Buenos Aires  |  |  |  |
| d. COUNTRY<br>Argentina  |  | 11a. DATE REQUIRED<br>Asap   |  |
| 12. INTERMEDIATE FOREIGN CONSIGNEE   |  | 13. INTERMEDIATE END USE   |  |
| a. NAME  |  | USE CODE   |  |
| b. STREET ADDRESS  |  |  |  |
| c. CITY  |  | 13a. DATE REQUIRED   |  |
| d. COUNTRY   |  |  |  |
| 14. INTERMEDIATE FOREIGN CONSIGNEE   |  | 15. INTERMEDIATE END USE   |  |
| a. NAME  |  | USE CODE   |  |
| b. STREET ADDRESS (Facility Site)  |  |  |  |
| c. CITY  |  | 15a. DATE REQUIRED   |  |
| d. COUNTRY   |  |  |  |
| 16. COM CODE   | 17. DESCRIPTION<br><i>(Include chemical and physical form of nuclear material; give dollar value of nuclear equipment and components)</i>  | 18. MAX. ELEMENT WEIGHT  | 19. MAX. WT. %                                   |
|  | ECCN: 2A50B<br>molybdenum fabricated parts<br><br>30 base plates - \$1,035.00<br>110 studs - 24, 300.00<br>Total value 25,335.00<br><br><div style="font-size: 1.5em; font-weight: bold;">030011</div> | 627lbs<br>284.3 kilo   |  |
|  |  |  | 20. MAX. ISOTOPE WEIGHT                          |
|  |  |  | 21. UNIT<br>pcs                                  |
| 22. COUNTRY OF ORIGIN -- SOURCE MATERIAL<br>United States  |  | 23. COUNTRY OF ORIGIN -- SNM WHERE ENRICHED OR PRODUCED<br>N/A   |  |
| 24. COUNTRIES WHICH ATTACH SAFEGUARDS (If known)   |  |  |  |
| 25. ADDITIONAL INFORMATION ON CONSIGNEES, END USES, AND PRODUCT DESCRIPTION (Use separate sheet if necessary)<br>We previously had license approved to this consignee and product by the United States Department of Commerce, attached is a copy of approved license. |  |  |  |
| 26. The applicant certifies that this application is prepared in conformity with Title 10, Code of Federal Regulations, and that all information in this application is correct to the best of his/her knowledge.  |  |  |  |
| 27. AUTHORIZED OFFICIAL  | a. SIGNATURE<br><i>Phyllis L. Higinbotham</i>  |  | b. TITLE<br>Manager, Philips U.S. Export Control |

9703030299 970225  
 PDR  
 EXPORT  
 XCOM-1103

REC'D OIP 2/26 3 15 PM

## MOLYBDENUM COMPONENTS USED IN HIGH TEMPERATURE PROCESSING OF MATERIALS

### PROPERTIES

Molybdenum is one of the so called "refractory metals" and among them, it probably has the largest commercial volume and most diverse number of applications. The properties of molybdenum which make it of value in industrial applications are:

1. It has a melting point of 2610 C, allowing it to be heated to temperatures in the range of 1800 C and still retain its shape and strength.
2. It is non-reactive with a variety of materials at temperatures in the range of 1800 C. Among those materials are:

- Uranium Oxide
- Aluminum Oxide
- Zirconium Oxide
- Tungsten
- Hydrogen
- Nitrogen

### TYPICAL INDUSTRIAL APPLICATIONS

A major use for molybdenum is in the construction of firing boats, heating elements and other parts for high temperature, hydrogen/nitrogen atmosphere furnaces. Molybdenum is used because it can withstand operating at temperatures of 1800 C and beyond. It is non-reactive at high temperature with the furnace atmosphere as well as the furnace hearths and insulating materials which are made of aluminum oxide or zirconium oxide.

Such furnaces and boats are commonly used for the high temperature firing of ceramic materials such as uranium oxide and aluminum oxide. In this ceramic process, uranium oxide or aluminum oxide powder is mixed with a binder so it can be compressed in a die to form a powder compact which will

hold its shape until firing or "ceramicizing" takes place. The pressed but unfired parts are referred to as "green."

The "green" parts are placed in a container which are simply an open box, boat, tray, or slab configuration, fabricated from molybdenum sheet. The container is placed in the furnace and the parts are fired into a ceramic over a period of several hours at temperatures in the range of 1800 C.

Another parallel application in industry is the metalization of alumina ceramic substrates for the semiconductor / electronics industries. In this case, slurry inks containing powdered metal must be fired and fused to the alumina. The same or similar boats and furnaces are used.

The same equipment and process is used in the production of molybdenum metal itself. The pressed ("green") molybdenum ingots are fired in the same manner as uranium oxide, aluminum oxide or metallized alumina substrates.

Tungsten carbide and tungsten alloys are also processed in a similar manner.

## CONCLUSION

The use of high temperature hydrogen atmosphere furnaces and molybdenum boats or carriers is a common industrial practice which has been in existence for at least seventy-five years. The function of the carrier is only to keep the product off of the furnace floor. Designs of boats vary, but only to optimize thru-put or to adapt to the shape and size of the finished parts. Tungsten sheet could be used as an alternate boat material, but molybdenum is generally more economical.

Any of the firms involved in the industrial processes discussed above could use their process and equipment interchangeably with the other. Firms producing or operating such furnaces and utilizing molybdenum boats are:

1. Aluminum Oxide Ceramics

IBM, E. Fishkill, N.Y.

Coors Porcelain, Boulder, Col. and Chattanooga, Tenn.

Kyocera Ceramics, Japan

2. Metallization of Alumina Substrates

Same as 1 above

3. Molybdenum Producers

Philips Lighting, Lewiston, Me.

Osram Sylvania, Munich, Germany/Towanda, Pa.

Tokyo Tungsten, Japan

Metalwerk Plansee, Austria

G. E., Cleveland, O.

Teledyne, Huntsville, Ala.

CSM, Cleveland, O

4. Furnace Producers

CM, Bloomfield, N. J.

BTU, Billerica, Mass.

Harpur, Rochester, N. Y.

Lindburg, Chicago, Ill.

Schmetz, Germany

5. Tungsten Carbide producers

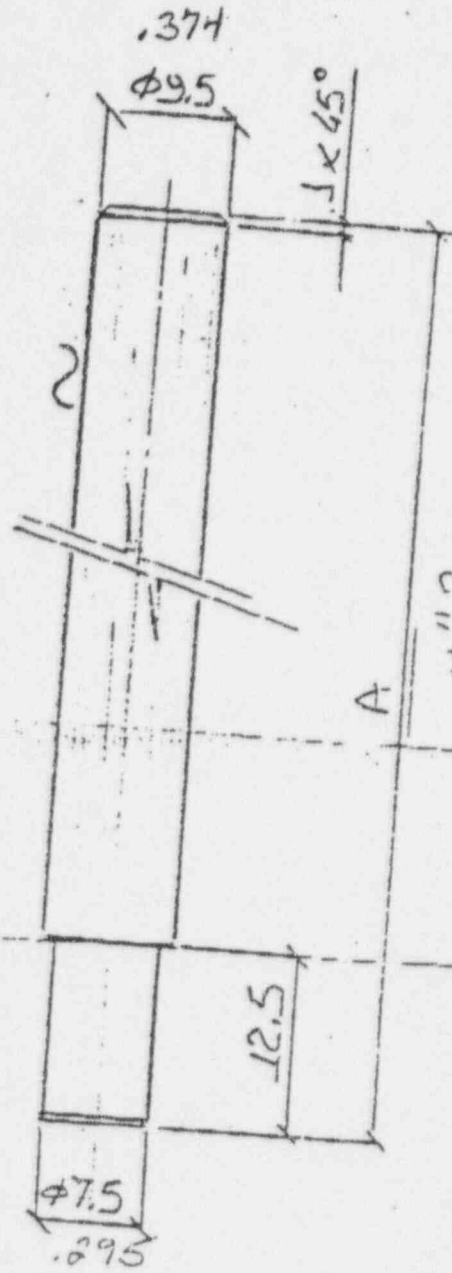
Powder Alloys Div. of Teledyne, Clifton, N. J.

Kennametal, Pittsburgh, Pa.


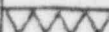



4087 A4

FOR 10 PLATES BOAT  
PARA NAVE DE 10 PLACAS

NOT FOR MANUFACTURING  
NO APTO PARA FABRICACION



Eliminate rough seams and all other edges  
ELIMINAR REB. Y BORDES FILOSOS

| Nº  | DENOMINACION   |                            |   |    |                                   | CANT.   | MATERIAL        |                           | OBSERVACIONES      |   |      |
|---|--|----------------------------|---|----|-----------------------------------|---|-----------------|---------------------------|--------------------|---|------|
| ESCALA<br>2:1   | MATERIAL<br>Molibdeno  |                            |   |    |                                   | TOLERANCIA SIN ESPECIFICACION SEGUN<br>(DIN 7166 GRADO MEDIO) |                 |                           |                    | <br>SOCIETAT ANONIMA |      |
| DIBUJO  | GF   | K                          | 5 | B1 | MEDIDAS DE LONGITUD Y CILINDRICAS |   |                 | ANGULOS<br>LADO MAS CORTO |                    |   |      |
| CONTROL   |  |                            |   |    | hasta 6                           | ±0.1  | 315 hasta 1000  | ±0.08                     | hasta 10°          |   | 1.1° |
| APROBO  |  |                            |   |    | 6 hasta 30                        | ±0.2  | 1000 hasta 2000 | ±1.2                      | 10 hasta 30°       |   | ±30° |
| RUGOSIDADES RA  |  |                            |   |    | 30 hasta 120                      | ±0.3  | 2000 hasta 4000 | ±2                        | 50 hasta 120°      |   | ±20° |
|  ≤ 9.1µm |  ≤ 0.8µm  |                            |   |    | 120 hasta 315                     | ±0.5  | 4000 hasta 8000 | ±3                        | mayor de 120° ±10° |   |      |
|  ≤ 0.3µm |  ≤ 12.5µm |                            |   |    |                                   |   |                 |                           |                    |   |      |
| DENOMINACION<br>CONJUNTO  |  | HOLY STUD FOR CANTER ECATS |   |    |                                   |   |                 |                           |                    | Nº 84 01  |      |
| DENOMINACION<br>PIEZA   |  | TERZO MOLIBD. 116V5 1720   |   |    |                                   |   |                 |                           |                    | Nº 84 010 56  |      |

# FAX TRANSMISSION

## PHILIPS ELMET

1560 LISBON RD.  
LEWISTON, ME. 04011  
207-784-3591 800-343-8008(USA)  
FAX: 207-786-8924

**To:** GERARDO CHERNITSKY,  
LINDBERG S.A. **Date:** JANUARY 15, 1996

**Fax #:** 011-55-54-1-454-9050 **Pages:** ONE, INCLUDING THIS COVER  
**From:** CHRISTOPHER H. PARADIS SHEET.

**Subject:** CONUAR-MOLY BASES AND STUDS

WE QUOTE BELOW AS REQUESTED

### MOLYBDENUM FABRICATED PARTS

BASE PLATES DWG# 84.010.50

QTY: 30 PCS

PRICE: USD 1,035.00/PC

STUDS DWG# 84.010.56

(LENGTH IS UNCLEAR ON PRINT)

QTY: 110 PCS

PRICE: USD 24.30/PC

SHIPMENT: 14 WEEKS AFTER ORDERED

TERMS: WIRE TRANSFER PRIOR TO SHIPMENT

PRICES INCLUDE 10% COMMISSION FOR LINDBERG

THIS QUOTE IS SUBJECT TO PHILIPS ELMET'S STANDARD TERMS AND  
CONDITIONS.

SALE OF THESE PARTS ARE SUBJECT TO UNITED STATES EXPORT REGULATIONS  
AND LICENSES.

BEST REGARDS,

CHRISTOPHER H. PARADIS  
EXPORT TRADE SPECIALIST  
PHILIPS ELMET

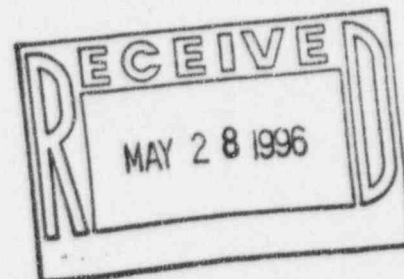
CC: S. VANSVAGE

FILE COPY





PHILIPS ELMET CORP.  
1560 Lisbon Road  
LEWISTON, MAINE 04240  
USA



Re: Our Purchase Order # 17252.

We hereby certify that materials covered by above order (molybdenum bases and pins) will be used in moly boats for sintering of uranium oxide pellets in our Lindberg sintering furnaces. The uranium oxide pellets will be used for nuclear fuel generation.

A handwritten signature in dark ink, appearing to read "Jorge Marcenaro". The signature is fluid and cursive, with a long horizontal stroke at the end.

JORGE MARCENARO, Eng.

PRODUCTION MANAGER

Buenos Aires, May 16th, 1996



COMBUSTIBLES NUCLEARES ARGENTINOS S.A.

CENTRO ATOMICO EZEIZA  
Pdo. ESTEBAN ECHEVERRIA  
Prov. de Buenos Aires  
Direccion Postal  
CASILLA DE CORREO 5384  
1000 CAP. FEDERAL  
Tel. 480-0622/24/29/33/36 et 38  
47/48/51  
FAX 480-0663/0604/0761  
GCIA 1061630011 - I.V.A. 60969124 - C.U.I.T. 30-58967380-4

## ORDEN DE COMPRA

VER CONDICIONES GENERALES

SEÑORES: PHILIPS ELMET CORP.  
1560 LISBON ROAD  
LEWISTON, MAINE 04240  
USA

CODIGO

COMP

| R   | CODIGO DEL MATERIAL<br>Nº DE PLANO | R<br>E<br>V | USO INTERNO |               | MPT<br>TH<br>PFT | DESCRIPCION DEL MATERIAL   |
|-----|------------------------------------|-------------|-------------|---------------|------------------|--|
|     |                                    |             | Nº REQ      | FECHA ENTREGA |                  |  |
| 001 | 511.511.32849.1                    |             | 328491      | 28/06/96      |                  | BASES DE MOLIBDENO PARA NAVE ABI<br>SEGUN PLANO N° 84.010.50 NUMERADA        |
| 002 | 511.511.32849.2                    |             | 328492      | 28/06/96      |                  | PERNOS DE MOLIBDENO<br>PARA NAVE ABIERTA SEGUN PLANO 84<br>LARGO A: 107,5 mm |

FOR PUERTO DE EE.UU.

PLAZO DE ENTREGA: 14 SEMANAS DE RECEPCION DE ORDEN DE COMPRA.

CONDICIONES DE PAGO: TRANSFERENCIA BANCARIA CONTRA AVISO DE MATERIAL L  
PARA EMBARQUE.

NOTA: LA GESTION ADMINISTRATIVA QUE INCLUYE LA REMISION DE LA PRESENTE  
COMPRA Y EL SEGUIMIENTO EN TIEMPO Y FORMA DEL EMBARQUE, SE EFECTUARA A  
DEL REPRESENTANTE LOCAL, LA FIRMA:

LINDBERG ARGENTINA SA, CRUCERO GEAR, BELGRANO 5782- TABLADA - BUENOS A

IMPORTE TOTAL  
(EN LETRAS)

SON DOLAR EE.UU. (C TREINTA Y TRES MIL SETECIENTOS  
VEINTITRES \*\*\*\*\*

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CONDICIONES DE PAGO:

SEGUN NOTA.

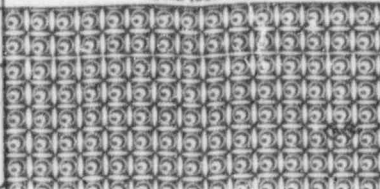
LOS PRECIOS INDICADOS SON:

FIJOS E INAM

CORRESPONDENCIA A:

CASILLA DE CORREO 5384 - 1000 - CAPITAL F



|  |    |                     |                                |  |  |
|--|----|---------------------|--------------------------------|--|--|
| ORDEN DE COMPRA  |    | Nº 017252           |                                | A CITAR EN REMITOS Y FACTURAS  |  |
| CONDICIONES GENERALES AL DORSO   |    | FECHA 22 ABR 1995   |                                |  |  |
| CÓDIGO PROVEEDOR 020336  |    | HOJA 1 DE 2         |                                |  |  |
| COMPRADOR 00004  |    |                     |                                |  |  |
| MATERIAL   | UM | CANTIDAD            | PRECIO UNITARIO (SIN IVA)      | PRECIO TOTAL (SIN IVA)   |  |
| SEC. 001<br>A NAVE ABIERTA<br>50 NUMERADAS D01 a D30   | U  | 30                  | DOLAR EE.UU. (C)<br>1.035,0000 | DOLAR EE.UU. (C)<br>31.050,0000  |  |
| SEC. 001<br>IN PLANO 84.010.56   | U  | 110                 | 24,3000                        | 2.673,0000   |  |
|  |    |                     | SUB-TOTAL                      | 33.723,00  |  |
| <div style="border: 2px solid black; padding: 5px; transform: rotate(-5deg); display: inline-block;"> <b>RECEIVED</b><br/> <b>MAY 14 1996</b> </div> |    |                     |                                |  |  |
| MATERIAL LISTO   |    |                     |                                |  |  |
| A PRESENTE ORDEN DE EJECUTARA A TRAVES   |    |                     |                                |  |  |
| - BUENOS AIRES -   |    |                     |                                |  |  |
|  |    |                     |                                | 33.723,00  |  |
|  |    | % I.V.A.            |                                | TOTAL (CON IVA)  |  |
| BOS E INAMOV.  |    | NE 06/08/96         |                                |  |  |
| TRANSPORTE A CARGO DE  |    | EMBALAJE A CARGO DE |                                |  |  |
| CONUAR   |    | PROV.               |                                |  |  |
| 1000 - CAPITAL FEDERAL   |    |                     |                                |  |  |

**Philips Lighting**

**PHILIPS**

CUSTOMER SERVICE

**PHILIPS ELMET**

1560 LISBON RD. • LEWISTON, MAINE 04240

TEL (207)784-3591 • 1(800)343-8008 • TWX (710)223-0675 • FAX (207)786-8924  
A DIVISION OF NORTH AMERICAN PHILIPS CORPORATION

DATE

5/17/96

PAGE

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CONUAR NUCLEARES ARGENTIO  
CASILLA DE CORREO 5384  
1000 CAP FEDERAL  
BUENOS AIRES, ARGENTINA

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CONUAR NUCLEARES ARGENTIO  
CENTRO ATOMICO EZEIZA  
PDU ESTEBAN ECHEVERRIA  
BUENOS AIRES, ARGENTINA

20  
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8/23

| CUSTOMER NO. | REFERENCE NO. | ORDER NO.   | ORDER DATE   | SHIP DATE | SHIP VIA            | TERMS       |
|--------------|---------------|-------------|--|-----------|---------------------|-------------|
| 79000        | 017252        | C093986     | 5/17/96  | 8/23/96   | TRUCK TO AIR SEA FO | WIRE TRANSF |
| NO.          | LOCATION      | ITEM NUMBER | DESCRIPTION  | U/M       | QUANTITY ORDERED    | PRICE       |
|              |               |             | CIF BUENOSAIRE, ARGENTINA<br>EXPORT LICENSE REQUIRED<br>TO SHIP<br>DO NOT SHIP W/O COPY OF<br>EXPORT LICENSE FROM U.S.<br>COMMERCE DEPT.<br>AIR SEA FORGARDERS<br>SHIP TO: C/O D.C.L.:<br>9 HEAR ROAD<br>HOLDEN, MA<br>02143 |           |                     |             |
| V0           |               | 1F-40609    | FP MD 15MM 84.010.50<br>CONUAR DWG# 84.010.50<br>NUMBER PLATES 001 TO 030  | PC        | 30                  | 1,035.0000  |
| V2           |               | 1F-40610    | FR MD 9.5MM 84.010.56 "A"<br>CONUAR DWG# 84.010.56   | PC        | 110                 | 24.3000     |

GROSS MARGIN INFO.

GM %

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**ACKNOWLEDGMENT**

THANK YOU FOR YOUR ORDER. IF WE CAN BE  
OF ANY OTHER SERVICE, PLEASE CONTACT THE  
UNDERSIGNED.

SINCERELY YOURS

# FAX TRANSMISSION

PHILIPS ELMET CORPORATION

1560 LISBON ROAD  
LEWISTON, MAINE 04240 U.S.A.  
(207)-784-3591, Ext 100  
FAX: (207)-786-8924

To: Phyliss Wigginton, Date: JULY 23, 1996  
Export Control Manager- PENAC --  
Fax #: Auto Dial Pages: TWO, INCLUDING THIS COVER  
From: Christopher H. Paradis SHEET.  
Subject: Export License: Conuar Nucleares-Argentina

PLEASE SEE ATTACHED REPLY RECEIVED FROM "BXA" TODAY. THE ECCN NUMBER SUBMITTED AS 1C117 IS FOR MOLYBDENUM RAW MATERIALS. WE BELIEVE THE CORRECT ECCN NUMBER TO BE 2A50B. WITH THIS INFORMATION YOU SHOULD BE ABLE RESUBMIT THE LICENSE REQUEST. PLEASE CONFIRM IF YOU WOULD LIKE ORIGINAL COPY OF BXA REPLY SENT TO YOU VIA COURIER OF POST.

IF YOU SHOULD HAVE ANY QUESTIONS PLEASE CALL ME.

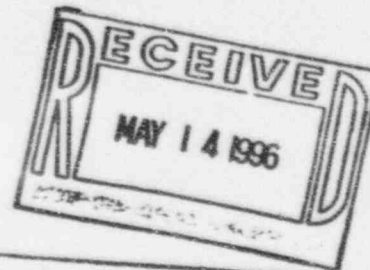
BEST REGARDS,  
CHRISTOPHER H. PARADIS  
PHILIPS ELMET

116

19.5

72

43.25




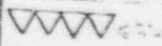
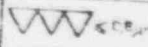


APTO PARA FABRICACION

FIRMA

30-10-96  
ACLARACION

26/04/96  
FECHA



| Nº   | DENOMINACION |    |   |    | CANT                                       | MATERIAL |                 |                           |              | OBSERVACIONES   |      |
|--|--------------|----|---|----|--|----------|-----------------|---------------------------|--------------|---|------|
| ESCALA   | MATERIAL     |    |   |    | TOLERANCIA SIN ESPECIFICACION ( DIN 716B ) |          |                 |                           |              | <br>SOCIEDAD ANONIMA |      |
| 1:1  | MOLIBDENO    |    |   |    | MEDIDAS DE LONGITUD Y CILINDRICAS          |          |                 | ANGULOS<br>LADO MAS CORTO |              |   |      |
| DIBUJO   | DOP          | 15 | 3 | 91 | hasta 6                                    | ± 0,1    | 15 hasta 1000   | ± 0,8                     | hasta 10     |   | ± 1° |
| CONTROL  | 1.1          |    |   |    | 6 hasta 30                                 | ± 0,2    | 1000 hasta 2000 | ± 1,2                     | 10 hasta 50  | ± 30'   |      |
| RUGOSIDADES RA   |              |    |   |    | 30 hasta 120                               | ± 0,3    | 2000 hasta 4000 | ± 2                       | 50 hasta 120 | ± 20'   |      |
|  ≤ 0,4  ≤ 0,8 μm       |              |    |   |    | 120 hasta 315                              | ± 0,5    | 4000 hasta 8000 | ± 3                       | mayor de 120 | ± 10'   |      |
|  ≤ 6,3 μm  ≤ 12,5 μm |              |    |   |    |  |          |                 |                           |              | PROHIBIDA LA REPRODUCCION<br>Y/O COMUNICACION A TERCEROS<br>SIN N/AUTORIZACION ESCRITA                  |      |
| DENOMINACION<br>CONJUNTO   |              |    |   |    | HORNO DE SINTERIZADO                       |          |                 |                           |              | Nº 84.010.00  |      |
| DENOMINACION   |              |    |   |    | BASE DE MOLIBDENO                          |          |                 |                           |              | Nº 84.010.50.   |      |
| PIEZA  |              |    |   |    |  |          |                 |                           |              |   |      |



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

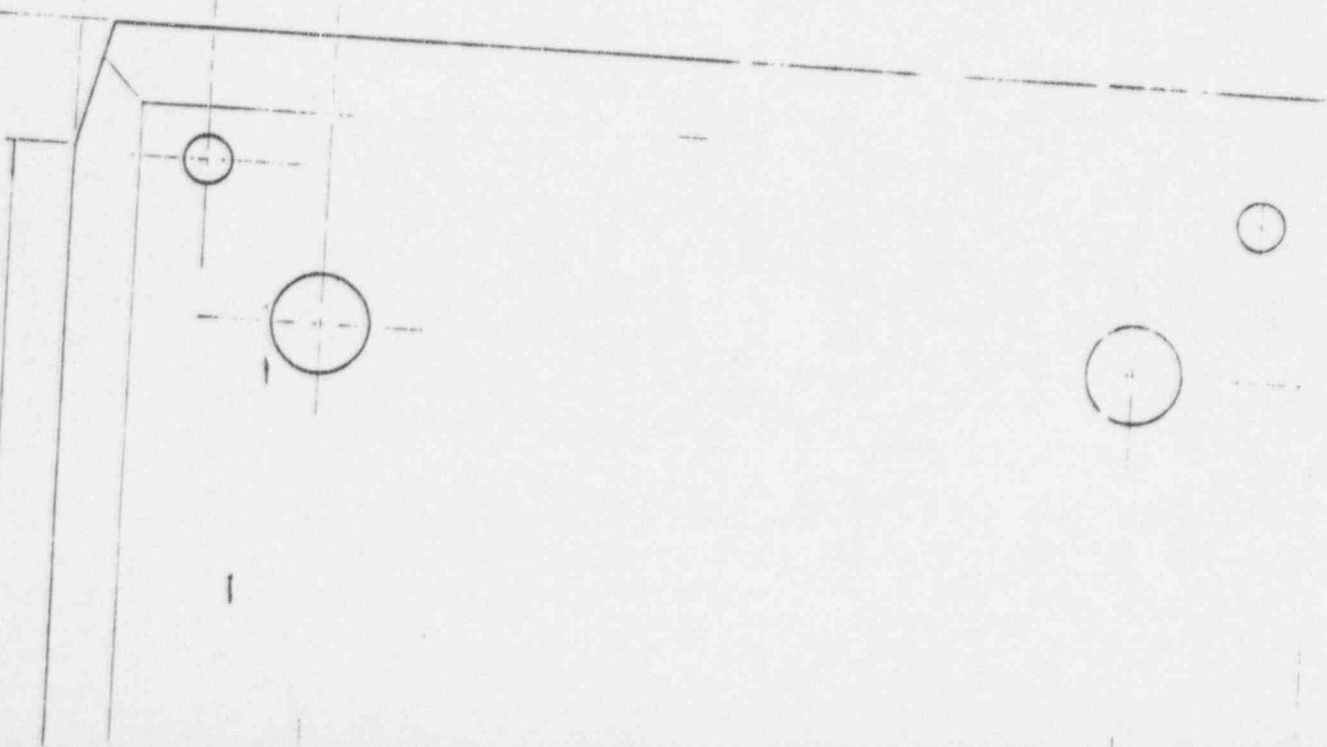
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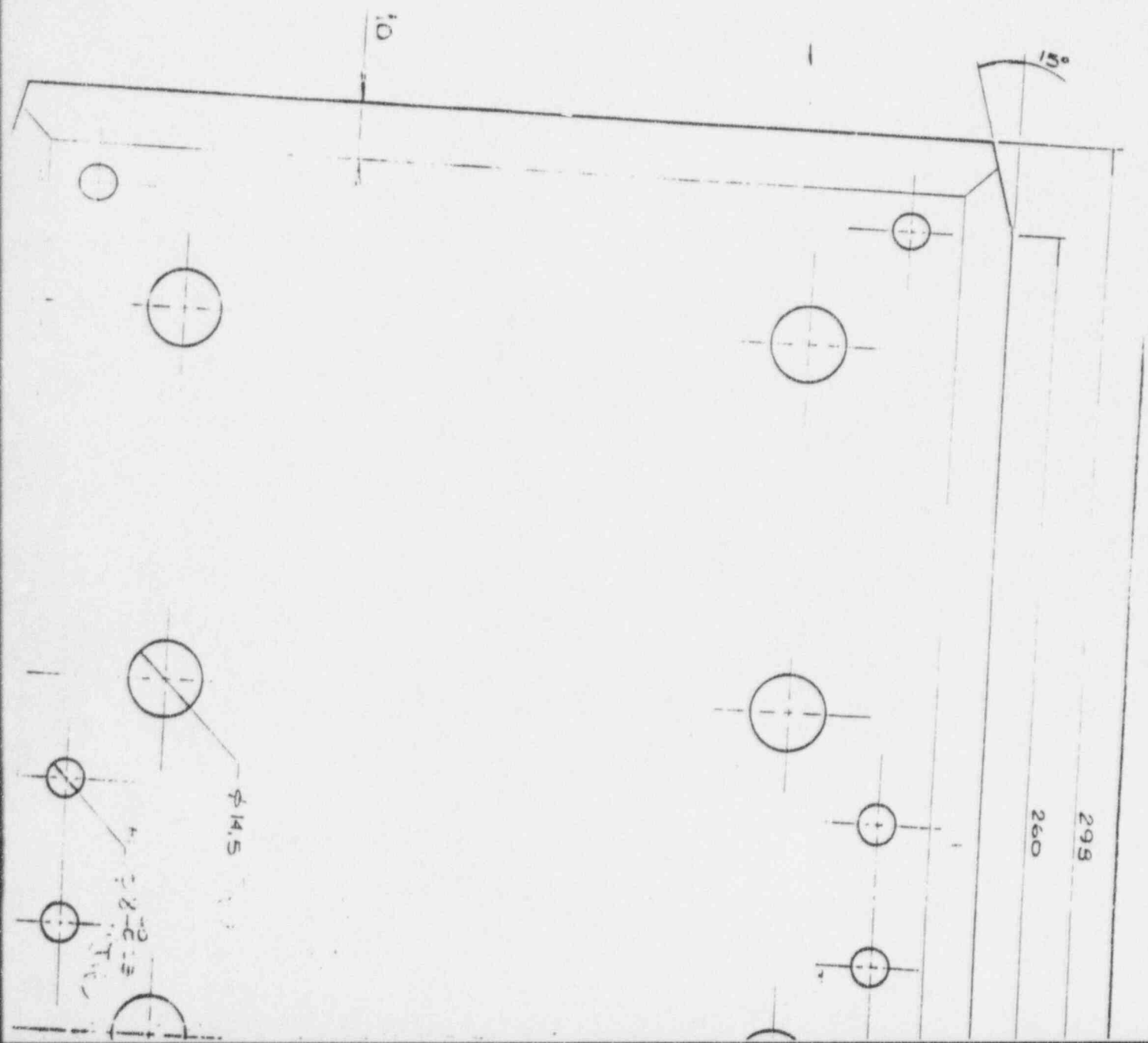
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EXPORT LICENSE D222744

VALIDATED: JUL 20 1995

EXPIRES: JUL 31 1997



UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF EXPORT ADMINISTRATION  
P.O. Box 273, Ben Franklin Station  
Washington, DC 20044

THIS LICENSE AUTHORIZES THE LICENSEE TO CARRY OUT THE EXPORT TRANSACTION DESCRIBED ON THE LICENSE (INCLUDING ALL ATTACHMENTS). IT MAY NOT BE TRANSFERRED WITHOUT PRIOR WRITTEN APPROVAL OF THE OFFICE OF EXPORT LICENSING. THIS LICENSE HAS BEEN GRANTED IN RELIANCE ON REPRESENTATIONS MADE BY THE LICENSEE AND OTHERS IN CONNECTION WITH THE APPLICATION FOR EXPORT AND IS EXPRESSLY SUBJECT TO ANY CONDITIONS STATED ON THE LICENSE, AS WELL AS ALL APPLICABLE EXPORT CONTROL LAWS, REGULATIONS, RULES, AND ORDERS. THIS LICENSE IS SUBJECT TO REVISION, SUSPENSION, OR REVOCATION WITHOUT PRIOR NOTICE.

APPLICANT CONTROL NUMBER: C747545

PHILIPS ELECTRONICS NORTH AMERICA  
C/O CHRISTOPHER PARADIS/PHILIPS ELMET  
1560 LISBON ROAD  
LEWISTON, ME 04240

PURCHASER:  
LINDBERG ARGENTINA SA  
CRUCERO GRAL  
BELGRANO, ARGENTINA

TO: LCM  
FROM: STABLE  
VAN SWANDE

ULTIMATE CONSIGNEE:  
CONUAR COMBUSTIBLES NUCLEARES  
ARGENTINOS SA  
CASILLA DE CORREO 5384  
BUENOS AIRES, ARGENTINA

INTERMEDIATE CONSIGNEE:

## COMMODITIES:

QTY DESCRIPTION

ECCN

TOTAL  
PRICE

10 BOATS FABRICATED FROM PURE MOLYBDENUM

2A50

\$19,800

TOTAL:

\$19,800

## PROCESSING CODE:

THE EXPORT ADMINISTRATION REGULATIONS REQUIRE YOU TO TAKE THE FOLLOWING ACTIONS WHEN EXPORTING UNDER THE AUTHORITY OF THIS LICENSE.

- A. RECORD THE EXPORT COMMODITY CONTROL NUMBER IN THE BLOCK PROVIDED ON EACH SHIPPER'S EXPORT DECLARATION (SED).
- B. RECORD YOUR VALIDATED LICENSE NUMBER IN THE BLOCK PROVIDED ON EACH SED.
- C. PLACE A DESTINATION CONTROL STATEMENT ON ALL BILLS OF LADING, AIRWAY BILLS, AND COMMERCIAL INVOICES.

## RIDERS AND CONDITIONS:

1. THE ITEMS AUTHORIZED FOR EXPORT ARE NOT TO BE USED IN ANY OF THE SENSITIVE NUCLEAR ACTIVITIES DESCRIBED IN SECTION 778.3 OF THE EXPORT

EXPORT LICENSE D222744

VALIDATED: JUL 20 1995

EXPIRES: JUL 31 1997



UNITED STATES DEPARTMENT OF COMMERCE  
BUREAU OF EXPORT ADMINISTRATION  
P.O. Box 273, Ben Franklin Station  
Washington, DC 20044

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ADMINISTRATION REGULATIONS.

2. APPLICANT MUST INFORM CONSIGNEE OF ALL LICENSE CONDITIONS.
3. NO RESALE, TRANSFER, OR REEXPORT OF THE ITEMS LISTED ON THIS LICENSE IS AUTHORIZED WITHOUT PRIOR AUTHORIZATION BY THE U.S. GOVERNMENT.

