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|---|--|--------------------------------------|
|  | <b>Especificación</b>                        | <b>Código: MI-PIS-AQF-CDC-ESP-02</b> |
|   | <b>PHYSICAL SPECIFICATIONS - REFINED TIN</b> | <b>Versión: V-03</b>                 |
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## DEFINITIONS

|                                      |   |
|--------------------------------------|---|
| <b>Ingot/Blocks/Billets/Tablets:</b> | A determined form of metal obtained through fusion and poured into a predetermined mould in order to be remelted.                                       |
| <b>Tin shots/Flakes:</b>             | A determined form of metal obtained through fusion and poured in an adequate screen in order to be remelted   |
| <b>Package:</b>                      | A series of 40 ingots, or 23 Billets, or 90 Tablets layed in an adequate weight manner, approximate weight 1,000 Kg. or 1 MT in order to ease shipment. |
| <b>Lot:</b>                          | A series of packages, blocks, billets, tablets or bags, total approximate weight 25 Kg to 30 MT.  |
| <b>Ranking bar:</b>                  | For Billet and Tablets dispatch.  |
| <b>Bags:</b>                         | For the dispatch of tin shots and flakes.   |

## REQUIREMENTS


### INGOTS:

|                                |   |
|--------------------------------|---|
| Ingot weight                   | 25 Kg +/- 2.5 Kg.   |
| Package weight                 | 1,000 (1 MT) +/- 10 Kg.   |
| Lot weight                     | 25 to 30,000 Kg (0.025 a 30 MT) +/- 1%.   |
| Weight Certificate             | Weight of each package and lot total.   |
| Weight and Sample Certificate  | Weight and analysis of export lot for clearances purposes.  |
| Ingot form                     | According to standard mould.  |
| Ingot Surface                  | It must be clean, free of stains, rust or other foreign material.   |
| Sampling and taking of samples | According to PET (MI-PIS-FRS-REF-PET-08).   |
| Each ingot                     | Showing Minsur label and identification code according to PET (MI-PIS-FRS-REF-PET-05).                      |
| Each package                   | Duly banded, labeled with number of package, lot and net weight. Two ingots engraved "MINSUR Made in Peru". |
| Ingot presentation:            | No burrs or gouges, bright color.   |

### BILLETS:

|                                |  |
|--------------------------------|--|
| Billet weight                  | 43.5 Kg +/- 1.0 Kg.  |
| Package weight                 | 1,000 Kg. (1 MT) +/- 10 Kg.  |
| Lot weight                     | 1,000 to 25,00 Kg (01/25 MT) +/- 1.0%.   |
| Weight Certificate             | Weight of each package and lot total.  |
| Weight and Sample Certificate  | Weight and analysis of export lot for clearances purposes.   |
| Billet form                    | According to standard mould.   |
| Billet surface                 | It must be clean, free of stains, rust or other foreign material.  |
| Sampling and taking of samples | According to PET (MI-PIS-FRS-REF-PET-08).  |
| Each Billet                    | Showing Minsur label and identification code according PET (MI-PIS-FRS-REF-PET-05).  |
| Each package                   | Duly banded, on a double ranking bar labeled and stapled with number of package, lot and net weight. The ranking bar must show on a visible part "MINSUR S.A. – TIN BILLETS-MADE IN PERU". |
| Billets presentation:          | No burrs or gouges, bright color.  |

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| ELABORADO POR:                                 | REVISADO POR:   | REVISADO POR:  | APROBADO POR:   |
| Yeyson Chavez - Ing. Laboratorio<br>15/11/2023 | Jaime Colquehuanca -<br>Superintendente Control Calidad<br>15/11/2023 | Jaime Colquehuanca -<br>Superintendente Control de Calidad<br>- 15/11/2023 | Jaime Colquehuanca -<br>Superintendente Control Calidad<br>15/11/2023 |

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**BLOCKS:**

|                                |  |
|--------------------------------|--|
| Block weight                   | 1,000 Kg. (1 MT) +/- 10 Kg.  |
| Number of blocks/lot           | From 1 to 25   |
| Lot weight                     | From 0.99 to 24.980 MT.  |
| Weight Certificate             | Weight of each block and lot total   |
| Weight and Sample Certificate  | Weight and analysis of export lot for clearances purposes.   |
| Block form                     | According to standard mould.   |
| Block surface                  | It must be clean, free of stains, rust or other foreign material.  |
| Sampling and taking of samples | According to PET (MI-PIS-FRS-REF-PET-08).  |
| Each block                     | Showing "MINSUR – Made in Peru". Label and identification code according to PET (MI-PIS-FRS-REF-PET-05). Labeled with N° of block, lot and net weight. |
| Blocks presentation:           | No burrs or gouges, bright color.  |

**TABLETS**

|                                |  |
|--------------------------------|--|
| Tablets weight                 | 11 Kg – 1.0 Kg   |
| Package weight                 | 1000 Kg (1 MT) +/- 10 Kg   |
| Lot weight                     | According to client's request.   |
| Weight Certificate             | Weight of each package and lot total.  |
| Weight and Sample Certificate  | Weight and analysis of export lot for clearances purposes.   |
| Tablets form                   | According to standard mould.   |
| Tablets surface                | It must be clean, free of stains, rust or other foreign material.  |
| Sampling and taking of samples | According to PET (MI-PIS-FRS-REF-PET-08).  |
| Each tablet                    | Showing Minsur label and identification code according to PET (MI-PIS-FRS-REF-PET-05).   |
| Each package                   | Duly banded, on a double ranking bar labeled and stapled with number of package, lot and net weight. The ranking bar must show on a visible part "MINSUR S.A. – Tablets 99.99% Sn – Made in Peru" or "MINSUR S.A. – Tablets Sn/Sb – Made in Peru". |
| Tablets presentation:          | No burrs or gouges, bright color.  |

**TIN SHOTS AND FLAKES**

|                                |  |
|--------------------------------|--|
| Bag weight                     | 500 – 1,000 Kg. or according to client's request.  |
| Lot weight                     | According to client's request.   |
| Weight Certificate             | Weight of each bag and lot total.  |
| Weight and Sample Certificate  | Weight and analysis of export lot for clearances purposes.   |
| Sampling and taking of samples | According to PET (MI-PIS-FRS-REF-PET-08).  |
| Each bag                       | Showing Minsur label, identification code according to PET (MI-PIS-FRS-REF-PET-05). Identification with No. of bag, lot, quality and net weight, safety sealing and showing "MINSUR Made in Peru". |
| Shape of the Shot:             | As spherical as possible, bright color.  |
| Shot size                      | 1.4 – 4.0 mm +/- 10%   |
| Humidity                       | % H <sub>2</sub> O < 0.1%  |

Note: Any variation and/or change in what it is above specified allows rejection of product.

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