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|  | **PRODUCT CERTIFICATION SERVICE REQUEST** | | | | |
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| **GMV-RG-20** | **17** | **2024-11-07** | **1** | **3** |

**1. APPLICANT/CERTIFICATE HOLDER INFORMATION**

|  |  |
| --- | --- |
| **Name or company name:** |  |
| **NIT:** |  |
| **Address:** |  |
| **City:** |  |
| **E-mail:** |  |
| **Phone:** |  |
| **Contact person:** |  |
| **Position:** |  |

In case a second organization represents the applicant before Servimeters S.A.S, please list it in the following table.

|  |  |
| --- | --- |
| **Name or company name:** |  |
| **NIT:** |  |
| **Address:** |  |
| **E-mail:** |  |
| **Phone:** |  |

**2. DESCRIPTION AND ORIGIN OF THE PRODUCTS TO BE EVALUATED**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Product:** | |  | | **Manufacturing standard:** |  | |
| **Relation to the product** | | | **Manufacturer** | |  | **NAME** |
| **Importer** | |  | **NAME** |
| **Trader** | |  | **NAME** |
| **Other** | |  | **NAME** |
| **If the certification holder is a marketer or different from the final manufacturer of the product, it is essential to fill out the factory space regardless of the certification scheme.** | | | | | | |
| **ISO 9001** |  | **Scope** |  | | | |
| **Country** |  | | **Sampling area** | | **Port** |  |
| **City** |  | | **Free Zone** |  |
| **Address** |  | | **Urban** |  |
| **Rural** |  |

In the following table please relate the information of the plants of origin of the products

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Factory** | **Country** | **Address** | **ISO 9001** | **Certificate number** | **Certifying body** | **Accrediting body** |
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| **GMV-RG-20** | **18** | **2024-09-30** | **2** | **3** |

**3. CLASSIFICATION OF THE REQUIRED SERVICE**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Regulatory reference: (As applicable)** | **Regalement Barras:** | |  | | **Regalement Cascos** | |  |
| **Regalement Juguetes:** | |  | | **Regalement Vajillas** | |  |
| **Regalement Alambre y Mallas Electroclash:** | |  | | **Regalement Técnico Salvadoreño: Resolucion actual (RTS 29.02.01:21)** | |  |
| **Regalement RETIE:** | |  | | **Regalement técnico Ecuatoriano Resolucion actual (RTE-069)** | |  |
| **Regalement RETILAP:** | |  | | **Other:** | |  |
| **Normas voluntaries:**  **Se debt indicar la norma a certificate** | |  | | **Other:** | |  |
| **Certification process (X) (Indicate whether it is Granting, Monitoring or Renewal)** | **Granting** | | **Follow-up:** | | **Renewal:** | | **Extension** |
|  | |  | |  | |  |
| **Certification scheme** | | | **If you have a valid certificate with Servimeters S.A.S and need to modify it, indicate your requirement** | | | | |
| **Scheme 1B** | **Scheme 4** | **Scheme 5** | **Regulatory reference** | **Certificate Number** | | **Process** | |
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***The references may be subject to changes for reasons of accreditation, repeals and/or modifying resolutions\****

**4. DESCRIPTION OF THE PRODUCTS**

|  |
| --- |
| According to your product and regulations to be certified, please fill out the specifications table that applies to you in its entirety: |
| Toy Specifications |
| Tableware Specifications |
| Helmet Specifications |
| RETIE Specifications |
| Lighting specifications: Retilap - RTS - RTE |
| Voluntary standards |
| Bars and Mesh Specifications |

**5. SUPPORTS ATTACHED WITH THE APPLICATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **ITEM** | **SUPPORTS** | **CONTRIBUTED** | |
| **YES** | **NO** |
| 1 | Technical sheets for all products indicated in section 4.  \*Mandatory for products of all regulations certifiable by SERVIMETERS |  |  |
| 2 | Invoice or commercial document of the batch to be certified \*Mandatory for batch certification (scheme 1B) |  |  |
| 3 | Valid certificate of the manufacturer's quality management system.  \*Mandatory for RETIE 2024 and RETILAP 2024 products |  |  |
| 4 | Reports of laboratory tests applied to the product or batch to be evaluated according to ISO/IEC 17025 with the scope of the tests applicable to each product subject to evaluation. |  |  |
| 5 | Plant audits qualified by Walmart, ICTI, or others with satisfactory results (Applicable for toys). |  |  |
| 6 | Product certification issued by national and/or international organizations |  |  |
| 7 | Manufacturing standard identification  \*Mandatory for RETIE and RETILAP products |  |  |

Note:

The manufacturer's ISO 9001 certificate must be valid and specifically cover the product, as well as the manufacturing, construction, assembly, fabrication or similar activities processes. The presentation of this certification is mandatory for processes managed under scheme 5. If this certification is not available, an on-site audit of the manufacturer's management system must be carried out at its facilities.

For the RETIE 2024 and RETILAP 2024 regulations, not having the ISO 9001 certificate will classify the process under scheme 4, which will imply a detailed evaluation of the manufacturer's production system for the purpose of certification.

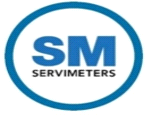
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| **GMV-RG-20** | **17** | **2024-11-07** | **3** | **3** |

**6. FORMALIZATION OF THE APPLICATION**

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| --- | --- | --- | --- | --- | --- |
| ***The information of the person completing this form must be indicated.*** | | | | | |
| **Application submitted by:** |  | **Date:** | **aaaa** | **mm** | **dd** |
|  |  |  |  |
| **Account Executive in Charge:** |  | | | | |
| Note: By submitting the request, the data processing policy is accepted, which can be consulted on the Servimeters S.A.S website, [www.servimeters.com.](http://www.servimeters.com/) | | | | | |

Página 4

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|  | | **PRODUCT CERTIFICATION SERVICE REQUEST** | | | | | |
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| **Please fill out all fields correctly and verify the tariff heading and subheading so that the certificate registration in SICERCO is consistent with the import declaration and there are no issues with the VUCE.** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Family** | **Subfamily** | **Reference** | **Description** | **Amount** | **Age of use** | **Manufacturing Material** | **Indicate whether the toy or any of its parts or components is powered or operates with any type of battery (conventional or button cell) or has any electrical means for its operation.** | **Product Brand** | **Marketed By** | **LOT NUMBER** | **Made by** | **Invoice** | **Tariff Heading and Subheading to be Declared** |
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|  | | **PRODUCT CERTIFICATION SERVICE REQUEST** | | | |
| CODIGO | VERSIÓN | **VIGENTE A PARTIR DE** | **PÁGINA DE** |
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| **Por favor diligence todos los campos curettement y verificar la partita y subpartida arancelaria para que El registro del certificado in SICERCO quede acorde a la declaration de importación y no tener inconvenientes ante el VUCE.** | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Nombre ó Descripción** | **Presentación (Ejmplo: Set, Vajilla, Paquete por Número de Piezas ó Individual)** | **Material de Fabricación (Cerámica, Vitroceramica, Porcelana, Vidrio)** | **Cantidad (Aplica para Certificacion de Lote)** | **Cantidad Total** | **Color (Si es Multicolor Indicarlo)** | **Capacidad (Volumen: l, ml)** | **Pais de Fabricación u Origen** | **Fecha de Fabricación de cada Referencia (Aplica Únicamente en Certificacion de Lote).** | **Nombre y Numero de Identificación del Fabricante ó Importador** | **Marca Comercial del Producto** | **Lote No** | **Factura** | **Partida y Subpartida Arancelaria a declarar** |
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|  | **PRODUCT CERTIFICATION SERVICE REQUEST** | | | |
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| **Por favor diligenciar todos los campos correctamente y verificar la partida y subpartida arancelaria para que el registro del certificado en SICERCO quede acorde a la declaración de importación y no tener inconvenientes ante el VUCE.** | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Cantidad** | **Indique Si Cuenta Con Proteccion de La Barbilla** | **Marca del Producto** | **Comercializado** | **Fabricado** | **Lote No** | **Factura** | **Partida y Subpartida Arancelaria a Declarar** |
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| **TABLA DE CONTENIDO** |
| **1. ALISTADORES ELÉCTRICOS** |
| **2. ALAMBRES Y CABLES MOD** |
| **3. BANDEJAS PORTACABLES** |
| **4. CAJAS Y CONDULETAS** |
| **5. CANALETA MOD** |
| **6. CARGADORES BATERIAS VE** |
| **7. CERCAS ELECTRICAS** |
| **8. CINTAS AISLANTES** |
| **9. CLAVIJAS Y TOMACORRIENTES** |
| **10. CONDENSADORES** |
| **11. CONDUCTOR DE PROTECCIÓN** |
| **12. CONDUCTOR DEL ELECTRODO DE PUESTA A TIERRA** |
| **13. CONECTORES - EMPALMES** |
| **14. CONTACTORES** |
| **15.CORTA CIRCUITOS PARA REDES DE DISTRIBUCIÓN** |
| **16.CRUCETAS** |
| **17.DPS DE BAJA TENSIÓN MOD** |
| **18. DPS MEDIA-ALTA TENSIÓN MOD** |
| **19. DUCHAS ELECTRICAS Y CALENTADORES** |
| **20. ELECTROBOMBAS** |
| **21. ELECTRODOS DE SPT** |
| **22. ELECTRODUCTOS MOD** |
| **23. ESTRUCTURAS METÁLICAS PARA EDES DE DISTRIBUCIÓN** |
| **24.EXTENSIONES Y MULTITOMAS** |
| **25. FUSIBLES** |
| **26. HERRAJES** |
| **27.INTERRUPTORES AUTOMÁTICOS DE BT** |
| **28. INTERRUPTORES DE MT** |
| **29.INTERRUPTORES MANUALES DE BT** |
| **30. MEDIDORES** |
| **31. MOTORES Y GENERADORES MOD** |
| **32.PANELES SOLARES FOTOVOLTAICOS** |
| **33. PORTALÁMPARAS MOD** |
| **34.POSTES DE CONCRETO** |
| **35. POSTES METALICOS** |
| **36. PUERTAS CORTAFUEGO MOD** |
| **37. PUESTAS A TIERRA TEMPORALES** |
| **38. PULSADORES** |
| **39.RECONECTADORES DE MT** |
| **40. REGULADORES DE TENSIÓN** |
| **41. SECCIONADORES DE MT** |
| **42. TABLEROS Y CELDAS** |
| **43. TRANSFORMADORES** |
| **44. TUBOS Y TUBERÍAS MOD** |
| **45. UPS** |
| 46. CERCAS ELECTRICAS |

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| **1. ALISTADORES ELÉCTRICOS** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia/Nor ma** | **Descripción** | **Fabrica** | **Comercializador** | **Material (Resina, polimérico, cerámica o vidrio)** | **Tipo (suspensión, poste, retención, etc)** | **Características** | | **Lote (Cuando aplique)** | | | |
| **Uso (interior o exterior)/tipo de ambiente (normal o corrosivo)** | **Vn** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Aisladores eléctricos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Aisladores eléctricos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Aisladores eléctricos |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **2. ALAMBRES Y CABLES MOD** | | | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Caracteristicas** | | | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Calibre** | **conductor**  **(Cobre, alumino, ACSR,** | **No. De hilos** | **aislamiento**  **(Aplica para conductores** | **temperatura**  **que soporta el aislamiento** | **nominal de**  **aislamiento (aplica para** | **Indicar si es multipar**  **/número de**  **pares)** | **¿Tiene cubiertas adicionales?** | **Norma de fabricación** | **instalación**  **(Ejemplo: lineas aéreas,** | **¿Es de bajo**  **contenido de halogenuros?** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a**  **declarar** |
|  |  | Alambres y cables para uso eléctrico |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Alambres y cables para uso eléctrico |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Alambres y cables para  uso eléctrico |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **3. BANDEJAS PORTACABLES** | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | **Lote (Cuando aplique)** | | | |
| **Material** | **Capacidad de carga** | **Dimensiones** | **Descripción** | **Norma de producto** | **Tipo de protección contra corrosión** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Bandejas portacables | Bandejas portacables |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Bandejas portacables | Bandejas portacables |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Bandejas portacables | Bandejas portacables |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **4. CAJAS Y CONDULETAS** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Material** | **Calibre** | **Volúmen** | **Son de empotrar (S/N)** | **Dimensiones** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Cajas y conduletas | Cajas y conduletas |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Cajas y conduletas | Cajas y conduletas |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Cajas y conduletas | Cajas y conduletas |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **5. CANALETA MOD** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | **Lote (Cuando aplique)** | | | |
| **Material** | **Calibre** | **Dimensiones** | **Norma de** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida** |
|  |  | Canalizaciones | Canalizaciones superficiales metálicas y no metálicas (Canaletas) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Canalizaciones | Canalizaciones superficiales metálicas y no metálicas (Canaletas) |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Canalizaciones | Canalizaciones superficiales metálicas y no metálicas (Canaletas) |  |  |  |  |  |  |  |  |  |  |  |  |

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| **6. CARGADORES BATERIAS VE** | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Modo de recarga** | **Vn** | **In** | **Número de fases** | **Factor de Potencia** | **Distorsion armonica** | **Eficiencia** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  |  |  | WBG3 x y z Charger  (x= Blanck or X\_TRI or X\_BI) (y=3P, 3PN or 1PN)  (z= Blanck or RCD) |  |  |  | UL 2202 CSA C22.2 No.  107.1-16  IEC 61851-22 |  | 380 V - 480 V |  |  |  |  |  |  |  |  |  |
|  |  | AC 50/60 Hz 3  Phase (3P + N + | 37 A |  |  |
|  |  | Ground) |  |  |  |
|  |  | Cargadores de Baterias para vehiculos Electricos | Cargadores de Baterias para vehiculos Electricos |  |  |  | 208 V - 240 V AC 50/60 Hz 3  Phase (3P +  Ground) | 65 A | >0,99 | 95% |  |  |  |  |
|  |  |  |  |  |  |  | 220 V - 240 V |  |  |  |  |  |  |  |
|  |  | AC 50/60 Hz 1 | 112 A (for UL |  |  |
|  |  | or 2 Phase (2P | version only) |  |  |
|  |  | + Ground) |  |  |  |

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| **7. CERCAS ELECTRICAS** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Vn (AC o DC)** | **In** | **Es un controlador de corriente limitada?**  **(Si o No)** | **Energía del pulso a 500 ohmios** | **Descripción** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Cercas eléctricas | Generador de pulsos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Cercas eléctricas | Generador de pulsos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Cercas eléctricas | Generador de pulsos |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **8. CINTAS AISLANTES** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | **Lote (Cuando aplique)** | | | |
| **Material (PVC, polietileno, etc)** | **longitud** | **descripción** | **máximo nivel de tensión soportada** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
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| **9. CLAVIJAS Y TOMACORRIENTES** | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Monofásica, bifásica o trifásica** | **Vn** | **In** | **Son tomacorrientes o clavijas para uso directo con conductores de aluminio?**  **(Si o No)** | **Son tomacorriente polarizados y con polo a tierra?**  **(Si o No)** | **Son tomacorrientes con tierra aislada?**  **(Si o No)** | **Tipo de instalación (do miciliaria, industrial, especial, hospitaliaria, etc)** | **Son tomacorrientes con dispositivos diferenciales?**  **(Si o No)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Clavijas y tomacorrientes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Clavijas y tomacorrientes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Clavijas y  tomacorrientes |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **10. CONDENSADORES** | | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **No. de fases** | **Vn** | **In** | **Potencia reactiva** | **Capacitancia** | **Tpo de aislamiento (aceite, seco, etc)** | **Clase de aislamiento** | **Posee enclavamiento electromecánico en banco de condensadores? (Solo aplica para condensadores de media tensión)** | **Norma Técnica aplicable** | **¿Son condensadores utilizados exclusivamente para corrección de factor de potencia?** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Condensadores de baja y media tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Condensadores de baja y media tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Condensadores de  baja y media tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **11. CONDUCTOR DE PROTECCIÓN** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia (Conductor de protección para baja tensión, Conductor de**  **protección para media, alta** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | **Lote (Cuando aplique)** | | | |
| **Material** | **Sección transversal** | **Capacidad de corriente** | **Aislamiento** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Conductor de protección o de puesta a tierra de equipos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Conductor de protección o de puesta a tierra de equipos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Conductor de protección o de puesta a tierra de equipos |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **12. CONDUCTOR DEL ELECTRODO DE PUESTA A TIERRA** | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | **Lote (Cuando aplique)** | | | |
| **Material** | **Sección transversal** | **Capacidad de corriente** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Conductor del electrodo de puesta a tierra | Conductor del electrodo de puesta a tierra |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Conductor del electrodo de puesta a  tierra | Conductor del electrodo de puesta a tierra |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Conductor del electrodo de puesta a tierra | Conductor del electrodo de puesta a tierra |  |  |  |  |  |  |  |  |  |  |  |

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| **13. CONECTORES - EMPALMES** | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Se tiene certificado de producto con respecto a la norma aplicable (S/N)** | **Vn** | **Sección Transversal (mm2)** | **Corriente nominal** | **Material** | **Uso** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Conectores, terminales y empalmes para conductores eléctricos | Conectores para conductores de cobre |  |  |  |  |  |  |  |  |  |  | Especificar de acuerdo a los siguientes usos:  Para conductores eléctricos no aislados para uso en redes aéreas |  |  |  |  |
|  |  | Conectores para conductores de aluminio o aleación de aluminio |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Conectores para conductores de cobre y aluminio |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Conectores de puesta a  tierra |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **14. CONTACTORES** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Vn** | **Bil (kV)** | **In** | **Grado IP** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Contactores de baja tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Contactores de baja  tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Contactores de baja tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **15.CORTA CIRCUITOS PARA REDES DE DISTRIBUCIÓN** | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Número de fases** | **Vn** | **In** | **Tipo de aislamiento (vacio, SF6, etc)** | **Capacidad de interrupción** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Cortacircuitos para redes de distribución |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de  baja y media tensión | Cortacircuitos para redes de distribución |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Cortacircuitos para redes de distribución |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **16.CRUCETAS** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Caracteristicas** | | | | **Lote (Cuando aplique)** | | | |
| **Norma aplicable** | **Material** | **Vn** | **Cruceta metálica galvanizada (Si o No)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
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| **17.DPS DE BAJA TENSIÓN MOD** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Norma de producto** | **Vn** | **Corriente nominal de descarga (kA)** | **IP (si aplica)** | **RESISTENCIA AL IMPACTO** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | DISPOSITIVOS DE PROTECCIÓN CONTRA SOBRETENSIONES TRANSITORIAS (DPS) | DPS DE BAJA TENSIÓN |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | DISPOSITIVOS DE PROTECCIÓN CONTRA SOBRETENSIONES TRANSITORIAS (DPS) | DPS DE BAJA TENSIÓN |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | DISPOSITIVOS DE PROTECCIÓN CONTRA SOBRETENSIONES TRANSITORIAS (DPS) | DPS DE BAJA TENSIÓN |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **18. DPS MEDIA-ALTA TENSIÓN MOD** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Material de la envolvente** | **Vn** | **MCOV** | **Corriente máxima de descarga (kA)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Dispositivos de |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| protección contra | DPS de media, alta y extra |
| sobretensiones | alta tensión |
| transitorias (DPS) |  |
|  |  | Dispositivos de |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| protección contra | DPS de media, alta y extra |
| sobretensiones | alta tensión |
| transitorias (DPS) |  |
|  |  | Dispositivos de |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| protección contra | DPS de media, alta y extra |
| sobretensiones | alta tensión |
| transitorias (DPS) |  |

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| **19. DUCHAS ELECTRICAS Y CALENTADORES** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | **Lote (Cuando aplique)** | | | |
| **Vn** | **In** | **Pn** | **Material** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Duchas eléctricas y calentadores de paso |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Duchas eléctricas y calentadores de paso |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Duchas eléctricas y calentadores de paso |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **20. ELECTROBOMBAS** | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Caracteristicas Tecnicas** | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Potencia (KW)** | **Potencia (HP)** | **Voltaje Nominal (V)** | **Corriente Nominal (A)** | **Numero de Fases** | **Frecuencia (Hz)** | **IP** | **Eficiencia** | **Velocidad de Giro (RPM)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
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| **21. ELECTRODOS DE SPT** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Material** | **Diámetro** | **Área** | **Espesor** | **Recubrimiento** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Electrodos de puesta a tierra | Varilla |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Tubo |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Fleje o cinta sólida |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Cable trenzado |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Alambre redondo |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Placa sólida |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **22. ELECTRODUCTOS MOD** | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | **Lote (Cuando aplique)** | | | |
| **Material** | **Calibre** | **Dimensiones** | **In** | **Vn** | **Icc** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Canalizaciones | Canalizaciones eléctricas prefabricadas o electroproductos |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Canalizaciones | Canalizaciones eléctricas prefabricadas o  electroproductos |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Canalizaciones | Canalizaciones eléctricas prefabricadas o electroproductos |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **23. ESTRUCTURAS METÁLICAS PARA EDES DE DISTRIBUCIÓN** | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Material** | **Vn** | **Carga mínima de ruptura** | **Longitud del poste** | **Características ambientales** | | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
| **Tipo de galvanizado** | **Tipo de ambiente** |
|  |  | Estructuras, postes y crucetas para redes de distribución | Torres o torrecillas metálicas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Estructuras, postes y crucetas para redes de  distribución | Torres o torrecillas metálicas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Estructuras, postes y crucetas para redes de distribución | Torres o torrecillas metálicas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **24.EXTENSIONES Y MULTITOMAS** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **No. de fases** | **Vn** | **In** | **Calibre del conductor** | **Tipo de instalación (general, industrial, especial)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Extensiones y multitomas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Extensiones y multitomas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Extensiones y multitomas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **25. FUSIBLES** | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | **Lote (Cuando aplique)** | | | |
| **Tipo de fusible** | **In** | **Vn** | **I2t** | **Capacidad de interrupción** | **el fusible es de acción lenta, rápida o ultrrápida?** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Fusibles |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Fusibles |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Fusibles |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **26. HERRAJES** | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma aplicable** | **Material** | **Vn** | **Horas de resistencia a la corrosión**  **(480 o 720**  **horas)** | **Carga mínima de ruptura** | **Características ambientales de instalación** | **Uso** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Herrajes de líneas de transmisión y redes de distribución | Elemento de fijación |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Elementos de soporte |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Elemento de sujeción |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Elemento de compensación |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Elemento de protección de cable |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **27.INTERRUPTORES AUTOMÁTICOS DE BT** | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Vn** | **In** | **No. de polos** | **Capacidad de ruptura (Ics)** | **Icc** | **Tipo de curva de disparo** | **Tienen protección contra falla a tierra (Si o No)** | **Tipo de interruptor (Térmico, termomagnétic o, diferencial)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Interruptores automáticos de baja tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Interruptores automáticos de baja tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de  baja y media tensión | Interruptores automáticos de baja tensión |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **28. INTERRUPTORES DE MT** | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Vn** | **In** | **Tipo de aislamiento (vacio, SF6)** | **BIL** | **Corriente de corta duración (Valor eficaz)** | **Corriente pico** | **Corriente de cortocircuito** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Interruptores de potencia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y  seccionamiento de baja y media tensión | Interruptores de potencia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Interruptores de potencia |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **29.INTERRUPTORES MANUALES DE BT** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | **Lote (Cuando aplique)** | | | |
| **Vn** | **In** | **Son interruptores para uso directo con conductor de aluminio?**  **(Si o No)** | **Tipo de instalación (interior, exterior, especial)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Interruptores manuales de baja tensión |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Interruptores manuales de baja tensión |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de  baja y media tensión | Interruptores manuales de baja tensión |  |  |  |  |  |  |  |  |  |  |  |  |

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| **30. MEDIDORES** | | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma tecnica aplicable** | **Clase de exactitud (en Energia Activa** | **Clase de exactitud (en Energia reactiva)** | **Tension nominal** | **Corriente nominal y Corriente Maxima** | **Frecuencia** | **Tipo de conexión (Directa, semidirecta)** | **Constante** | **Grado de proteccion IP** | **OTRAS CARACTERISTIC AS** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Medidores de energia | Medidor Monofasico |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Medidores de energia | Medidor Bifasico |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Medidores de energia | Medidor Trifasico |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **31. MOTORES Y GENERADORES MOD** | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Pn** | **Vn** | **In** | **No. de fases** | **IP** | **Factor de Potencia (SOLO PARA**  **MOTORES)** | **Eficiencia** | **Velocidad nominal (SOLO PARA**  **MOTORES)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a**  **declarar** |
|  |  | Motores y generadores | Motores |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Motores y generadores | Generadores |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Motores y generadores | Grupos electrógenos |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **32.PANELES SOLARES FOTOVOLTAICOS** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Material** | **Vn** | **Pn** | **In** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Paneles solares fotovoltaicos | Paneles solares fotovoltaicos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Paneles solares  fotovoltaicos | Paneles solares  fotovoltaicos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Paneles solares fotovoltaicos | Paneles solares fotovoltaicos |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **33. PORTALÁMPARAS MOD** | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | **Lote (Cuando aplique)** | | | |
| **material** | **Pn** | **Vn** | **casquillo** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Portalámparas o portabombillas | Portalámparas o portabombillas |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Portalámparas o  portabombillas | Portalámparas o  portabombillas |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Portalámparas o portabombillas | Portalámparas o portabombillas |  |  |  |  |  |  |  |  |  |  |  |  |

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| **34.POSTES DE CONCRETO** | | | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | | | | | | | |
| **Norma técnica de diseño** | **Vn** | **Longitud total** | **Diámetro cima** | **Diámetro base** | **Diámetro minimo de las perforaciones** | **Peso total** | **Volúmen de concreto** | **Peso refuerzo longitudinal** | **Diámetro del refuerzo principal** | **Peso espiral** | **Peso aros de armado** | **Tamaño máximo de gravilla** | **Resistencia mínima concreto** | **Límites de fluencia mínimo acero** |
|  |  | Estructuras, postes y crucetas para redes de distribución | Postes de concreto |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Estructuras, postes y crucetas para redes de distribución | Postes de concreto |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Estructuras, postes y crucetas para redes de distribución | Postes de concreto |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **35. POSTES METALICOS** | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Dimensiones, mm** | | | **Nivel de Carga, Kgf** | **Carga de rotura, N** | **Tipo de Seccion Transversal** | **Factor de Seguridad** | **Acabado Superficial** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
| **Alto (Longitud)** | **Seccion Transversal** | **Espesor Lamina** |  |  |  |  |  |
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| **36. PUERTAS CORTAFUEGO MOD** | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | **Lote (Cuando aplique)** | | | |
| **Dimensiones** | **Número de hojas** | **Material** | **Calibre** | **Aislante** | **Aplicación** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Bóvedas, puertas cortafuego, compuertas de ventilación y sellos cortafuego | Puertas cortafuego |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Bóvedas, puertas cortafuego, compuertas de ventilación y sellos cortafuego | Puertas cortafuego |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Bóvedas, puertas cortafuego, compuertas de ventilación y sellos cortafuego | Puertas cortafuego |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **37. PUESTAS A TIERRA TEMPORALES** | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | **Lote (Cuando aplique)** | | | |
| **Calibre** | **Corriente de cortocircuito** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Puesta a tierra temporales | Puesta a tierra temporales en baja tensión |  |  |  |  |  |  |  |  |  |  |
|  |  | Puesta a tierra temporales en media tensión |  |  |  |  |  |  |  |  |  |  |
|  |  | Puesta a tierra temporales en alta tensión |  |  |  |  |  |  |  |  |  |  |

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| **38. PULSADORES** | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Vn** | **In** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Pulsadores |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de  baja y media tensión | Pulsadores |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Pulsadores |  |  |  |  |  |  |  |  |  |  |  |

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| **39.RECONECTADORES DE MT** | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | **Lote (Cuando aplique)** | | | |
| **Número de fases** | **Norma técnica aplicable** | **Vn** | **In** | **Tipo de aislamiento (vacio, SF&, etc)** | **BIL** | **Corriente de cortocircuito** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
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| **40. REGULADORES DE TENSIÓN** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Número de fases** | **Norma técnica aplicable** | **Vn** | **In** | **Pn** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Unidades de tensión regulada (Reguladores de tensión) | Reguladores de tensión monofásicas o trifásicas |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Unidades de tensión regulada (Reguladores de tensión) | Reguladores de tensión monofásicas o trifásicas |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Unidades de tensión regulada (Reguladores de tensión) | Reguladores de tensión monofásicas o trifásicas |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **41. SECCIONADORES DE MT** | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica aplicable** | **Número de fases** | **Vn** | **In** | **Tipo de aislamiento (vacio, SF6, etc)** | **BIL** | **Corriente de cortocircuito** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Seccionadores |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de  baja y media tensión | Seccionadores |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Equipos de corte y seccionamiento de baja y media tensión | Seccionadores |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **42. TABLEROS Y CELDAS** | | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Icc** | **IP** | **IK** | **In** | **Vn** | **Horas de resistencia a la corrosión**  **(240 o 400**  **horas)** | **Frente muerto plástico**  **(Si o No)** | **Tipo de ambiente (Corrosivo, intemperie o áreas explosivas)** | **Clasificación IAC**  **(Solamente para celdas de**  **MT)** | **Tipo de tablero (De acuerdo a Tabla 20.12)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Tableros eléctricos y celdas | Envolvente o encerramiento | El cliente debe especificar a que subfamilia pertenece cada referencia declarada |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Tableros eléctricos de baja tensión de distribución | El cliente debe especificar a que subfamilia pertenece cada referencia declarada |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Tableros eléctricos de baja tensión de potencia | El cliente debe especificar a que subfamilia pertenece cada referencia declarada |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Tableros eléctricos de baja tensión para transferencias | El cliente debe especificar a que subfamilia pertenece cada referencia declarada |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Celdas de media tensión | El cliente debe especificar a que subfamilia pertenece cada referencia declarada |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **43. TRANSFORMADORES** | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma tecnica aplicable** | **Clase de exactitud** | **Tipo de aislamiento (seco, aceite) / Clase de aislamiento** | **BIL** | **Tension pimaria nominal** | **Tension secundaria nominal** | **Tipo (inductivo, capacitivo)** | **Burden VA** | **Uso (Interior ó Exterior)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Transformadores de medida para–Tension TPs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Transformadores de medida para–Tension TPs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Transformadores de medida para–Tension TPs |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **44. TUBOS Y TUBERÍAS MOD** | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | **Lote (Cuando aplique)** | | | |
| **Tipo (EMT, intermedio, liviano, etc)** | **Diametro nominal** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Canalizaciones |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Canalizaciones |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Canalizaciones |  |  |  |  |  |  |  |  |  |  |  |

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| **45. UPS** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Pn** | **Vn** | **Frecuencia** | **Eficiencia** | **Factor de Potencia** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Unidades de Potencia Ininterrumpida (UPS) | UPS monofásicas |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | UPS bifásicas |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | UPS trifásicas |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **46. CERCAS ELECTRICAS** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializador** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Vn (AC o DC)** | **In** | **Es un controlador de corriente limitada?**  **(Si o No)** | **Energía del pulso a 500 ohmios** | **Descripción** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Cercas eléctricas | Generador de pulsos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Cercas eléctricas | Generador de pulsos |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Cercas eléctricas | Generador de pulsos |  |  |  |  |  |  |  |  |  |  |  |  |  |

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|  | **PRODUCT CERTIFICATION SERVICE REQUEST** | | | |
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INICIO

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| **TABLA DE CONTENIDO PRODUCTOS RETILAP - RTS - RTE** |
| 1. BALASTOS ELECTRÓNICOS |
| 2. BALASTOS HID |
| 3. LUMINARIAS DECORATIVAS |
| 4. LUMINARIAS |
| 5.POSTES DE CONCRETO |
| 6.POSTES METALICOS |
| 7. FOTOCONTROL Y RECEPTÁCULO |
| 8. FUENTES LUMINOSAS |
| 9.LAMPARAS |

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| **1. BALASTOS ELECTRÓNICOS** | | | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia (electrónico, electromagnét ico, para**  **bombillas de** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | | | | | | **Lote (Cuando aplique)** | | | |  |
| **Norma técnica** | **Tipo de balasto** | **Pn** | **Vn** | **In** | **Temperatura nominal** | **Factor de balasto** | **Factor de eficacia** | **Factor de potencia** | **Tipo de bombilla** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Balastos |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Balastos |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Balastos |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **2. BALASTOS HID** | | | | | | | | | | | | | | | | | | | | | |  | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | | | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica de fabricación** | **Norma técnica de parámetros eléctricos** | **Tipo de balasto** | **Pn** | **Vn** | **In** | **Temperatura nominal** | **Clase de aislamiento** | **Factor de balasto** | **Factor de eficacia** | **Factor de potencia** | **Tipo** | **Máxima distorsión armónica** | **Factor de cresta** | **Tipo de bombilla** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Balastos | Balasto para lampara de Alta Intensidad de sodio |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Balasto para lampara de Alta Intensidad de Metal Halide |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **3. LUMINARIAS DECORATIVAS** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Tipo de fuente (Led, fluorescente, etc)** | **Pn** | **Vn** | **IP** | **IK** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Luminarias | Luminarias decorativas |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **4. LUMINARIAS** | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | | | **Lote (Cuando aplique)** | | | |
| **Tipo de fuente (LED,**  **fluorescente,**  **etc)** | **Pn** | **Vn** | **IP** | **IK** | **Material refractor (solo alumbrado público)** | **Uso (interior, exterior, alumbrado público etc)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Luminarias |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **5.POSTES DE CONCRETO** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | | | | | | | | | | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma técnica de diseño** | **Vn** | **Longitud total** | **Diámetro cima** | **Diámetro base** | **Diámetro minimo de las perforaciones** | **Peso total** | **Volúmen de concreto** | **Peso refuerzo longitudinal** | **Diámetro del refuerzo principal** | **Peso espiral** | **Peso aros de armado** | **Tamaño máximo de gravilla** | **Resistencia mínima concreto** | **Límites de fluencia mínimo acero** | **Tipo de acero para refuerzo longitudinal** | **Tipo de acero espirales o aros** | **Carga mínima de ruptura** | **Sistema de construcción (Vibrado o centrifugado)** | **Sección circular o poligonal (Si o No)** |  | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
| **Tipo de ambiente** |
|  |  | Estructuras, postes y crucetas para redes de distribución | Postes de concreto |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **6.POSTES METALICOS** | | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | | | | **Lote (Cuando aplique)** | | | |
| **Dimensiones, mm** | | | **Nivel de Carga, Kgf** | **Carga de rotura, N** | **Tipo de Seccion Transversal** | **Factor de Seguridad** | **Acabado Superficial** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
| **Alto (Longitud)** | **Seccion Transversal** | **Espesor Lamina** |  |  |  |  |  |
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| **7. FOTOCONTROL Y RECEPTÁCULO** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **ABLE Part#** | **Part#** | **DPS Interno Certificado RETIE** | **Conexión** | **Especificacion es** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
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| **8. FUENTES LUMINOSAS** | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | **Lote (Cuando aplique)** | | | |
| **Pn** | **Vn** | **tecnología (fluorescentes**  **, Led, incadescentes halógenas, etc)** | **En caso de ser fluorescentes (Balasto incorporado, balasto independiente**  **)** | **tipo de casquillo** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Fuentes luminosas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Fuentes luminosas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Fuentes luminosas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **9. LAMPARAS** | | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabrica** | **Comercializad or** | **Características** | | | | | | | **Lote (Cuando aplique)** | | | |
| **Tipo de fuente (LED,**  **fluorescente,**  **etc)** | **Pn** | **Vn** | **IP** | **IK** | **Material refractor (solo alumbrado público)** | **Uso (interior, exterior, alumbrado público etc)** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
|  |  | Lamparas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Lamparas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | Lamparas |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| **Normas voluntarias** | | | | | | | | | | | | | | | | | |
| **Item** | **Foto** | **Familia** | **Subfamilia** | **Referencia** | **Descripción** | **Fabricado** | **Comercializado** | **Características** | | | | | | **Lote (Cuando aplique)** | | | |
| **Norma tecnica aplicable** | **Tension nominal** | **Corriente nominal y Corriente Maxima** | **Frecuencia** | **Grado de proteccion IP** | **Otras Caracteristicas** | **Cantidad** | **Serial** | **Factura** | **Partida y Subpartida arancelaria a declarar** |
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