

Dagangan : CONDUIT JUNCTION BOX

Nama Barangan : Conduit Fitting
Jenama : Lanric
Model : Terminal B-4 Way

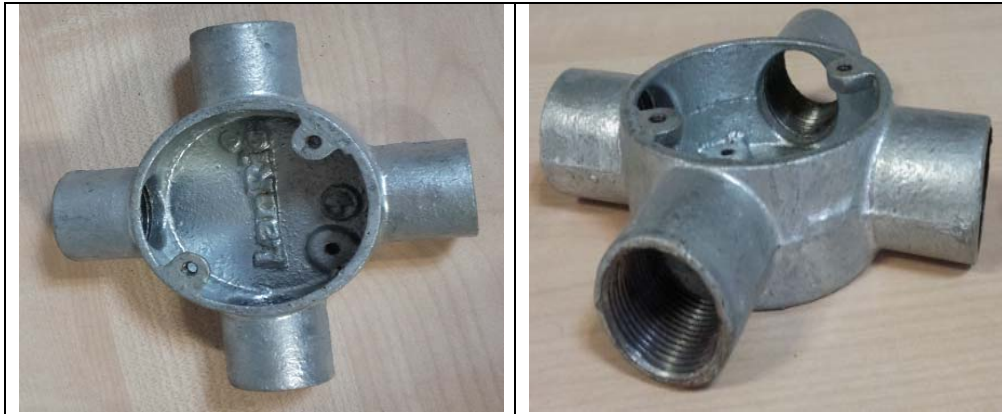
Kod Tarif (Perintah Duti Kastam 2012) :

7307.19 000

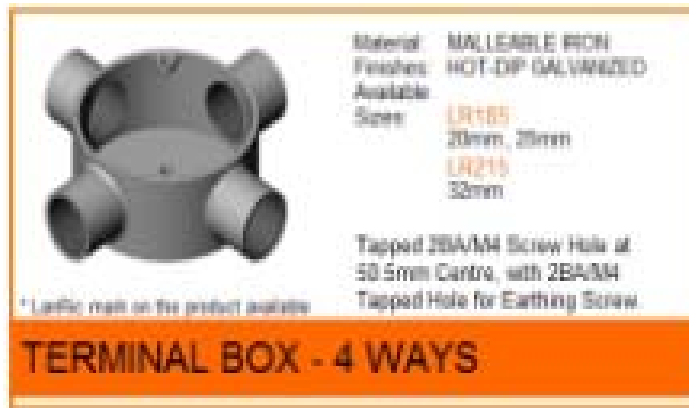
Tarikh Kelulusan : 03 November 2014

Keterangan barangan :

Berdasarkan maklumat daripada pemohon, kegunaan barangan adalah untuk *fittings for joining conduit and for run of cable in different branch/way*. Barangan diperbuat daripada *cast iron*. Barangan diperbuat dengan cara *muolding dan casting*. Barangan seperti photo di bawah:



Barangan mempunyai beberapa saiz iaitu 20mm, 25mm dan 32mm garispusat.



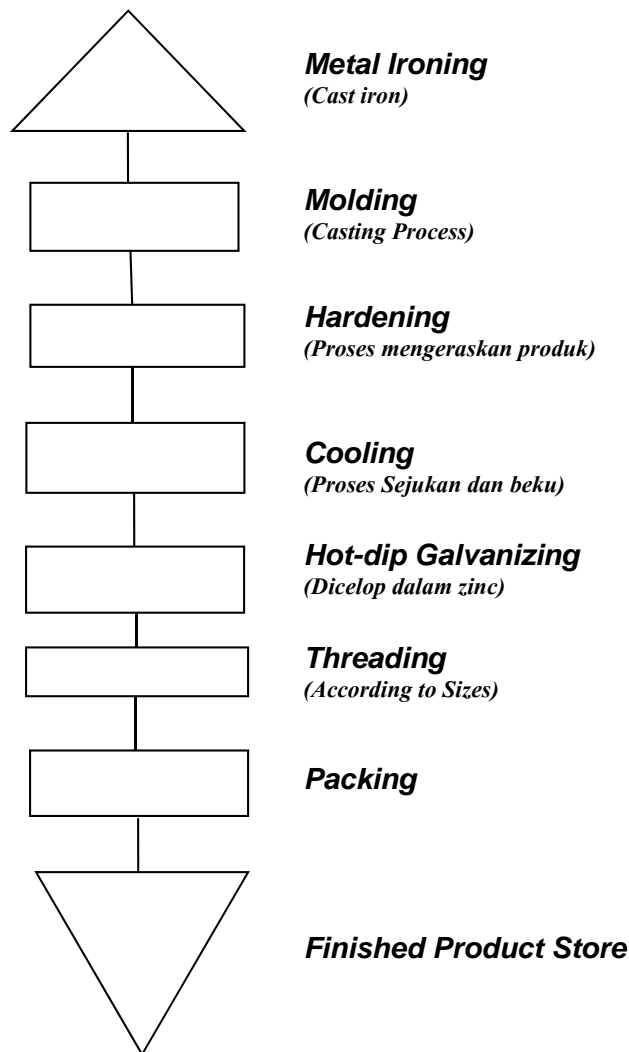
Material: MALLEABLE IRON
Finishes Available: HOT-DIP GALVANIZED

Sizes:
LR185
20mm, 25mm
LR215
32mm

Tapped 2BA/M Screw Hole at 50.5mm Centre, with 2BA/M Tapped Hole for Earthing Screw

TERMINAL BOX - 4 WAYS

Dibawah adalah work flow of Conduit Fitting:



Berdasarkan *flow proses* diatas *raw material* dalam bentuk cast iron akan dibentuk kepada produk yang dikehendaki dengan kaedah casting mould. Setelah produk dibentuk dengan menggunakan mould, ia dibiarkan mengeras. Selepas mengeras ia akan melalui proses cooling sebelum ia di celop kedalam zinc. Setelah melalui proses hot- dip galvanizing, proses threading pula akan dilakukan. Ia dibuat berdasarkan kepada saiz yang dikehendaki. Seterusnya produk akan dipacking dan dipasarkan.

Berdasarkan maklumat pemohon barangan diperbuat dari cast iron dengan kaedah moulding dan casting. Tiada terdapat insulating samada pada keseluruhan atau bahagian dalaman barangan tersebut.

Barangan digunakan untuk **fittings** for joining conduit and for run of cable in different branch/way.

Barangan berupa terminal box-4 ways.

Ketetapan:

Barangan ini sesuai diperjeniskan di bawah kod tarif **7307.19 000** sebagai **other cast fittings for tube or pipe fitting** berdasarkan alasan-alasan berikut :

- Berdasarkan fakta yang diberikan barangan diperbuat dari *cast iron* dengan kaedah *moulding dan casting*. Ia digunakan untuk **fittings** for joining conduit and for run of cable in different branch/way.
- Barangan tidak sesuai jatuh dibawah kepala **85.36** kerana ia tidak melibatkan apa-apa *connection*, hanya wayar sahaja yang melaluinya.
- Barangan mendapat liputan didalam EN.HS 2012 muka surat XV-7307-1 seperti berikut:

73.07 - Tube or pipe fittings (for example, couplings, elbows, sleeves), of iron or steel.

- Cast fittings :

7307.11 - - Of non-malleable cast iron

7307.19 - - Other

This heading covers fittings of iron or steel, mainly used for connecting the bores of two tubes together, or for connecting a tube to some other apparatus, or for closing the tube aperture. This heading does not however cover articles used for installing pipes and tubes but which do not form an integral part of the bore (e.g., hangers, stays and similar supports which merely fix or support the tubes and pipes on walls, clamping or tightening bands or collars (hose clips) used for clamping flexible tubing or hose to rigid piping, taps, connecting pieces, etc.) (heading 73.25 or 73.26).

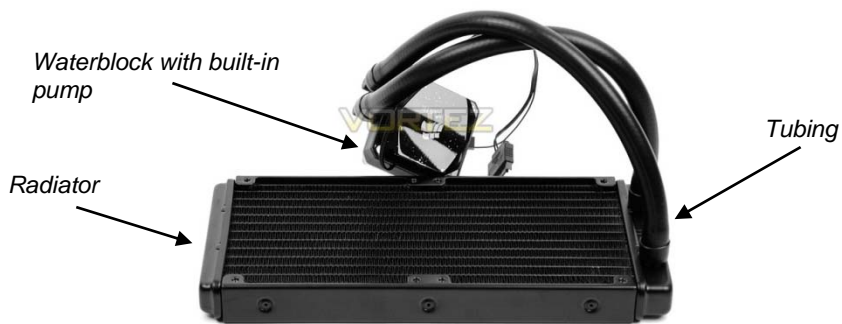
Dagangan : LIQUID CPU COOLER	Kod Tarif (Perintah Duti Kastam 2012) :
Nama Barangan : Hydro Series Liquid CPU Cooler	8419.89 000
Jenama : CORSAIR	Tarikh Kelulusan : 03 November 2014
Model : H100i	

Keterangan barangan :

Barangan dinamakan sebagai *Liquid CPU Cooler* yang dipasang (*install*) dalam CPU. Fungsi barangan adalah *to remove the waste heat produce by by computer componenets, to keep the components within permissible operating temperature limits.*

Keterangan / spesifikasi mengenai barangan berdasarkan risalah yang dikemukakan oleh pemohon dan Lamanweb pengeluar adalah seperti berikut :

Komponen	Spesifikasi Teknikal / Compatibility
Intel Bracket	LGA 115x, LGA 1366, LGA 2011
AMD Bracket	AM2, AM3, FM1, FM2
Cold Plate	Copper Micro Fin
Radiator - Material - Dimension	Aluminium Dual (240mm x 25mm)
Tubing	Large Diameter Low-Evaporation Rubber
Fan - Size - Quantity - Noise Level - Air Flow - Speed	120mm x 25mm 2 37 dBA 77 CFM 2700 RPM
Intergrated Corsair Link	Yes





Fans



Water Block with Pump built-in

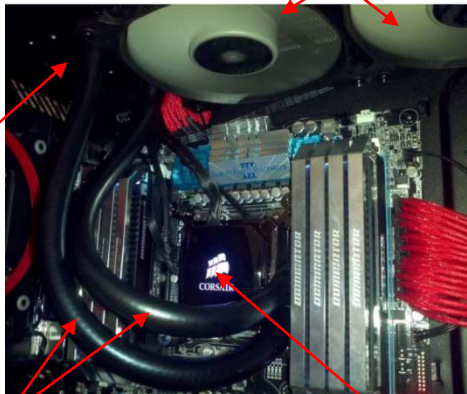


Cold Plate



Fans

Radiator



Tubings

Water Block with Pump built-in

Terdapat cecair yang terdiri daripada campuran *distilled water* dan *Propylene Glycol* di dalam *tubes / radiator*. Secara prinsipnya penggunaan barangan ini adalah sama seperti *an automobile's internal combustion engine*, with the water being circulated by a water pump through a waterblock mounted to the CPU.

Fan akan dipasangkan kepada radiator yang terdiri daripada 13 banks of corrugated aluminium fins soldered to 14 thin heat pipes running the length of the radiator carrying the coolant. Each fin is 8mm wide and is separated by a mere 1.5mm making the array very dense. As such, there is a vast surface area to dissipate /drive away heat with the help of the two 120mm fans to transfer the heat away. H100i has a USB port to enable Corsair Link monitoring and adjustment of fan speeds whilst H100 has on-the-fly modification.

The tubes which link between the pump and radiator allow this liquid (a mixture of distilled water with Propylene Glycol) to flow to and from by connecting to compartments within the radiator. Liquid flows into one and out of the other once it has cycled through the entire radiator.

Gambarajah bagaimana Liquid CPU Cooler berfungsi secara prinsipnya adalah seperti berikut :



Water is pumped through the CPU cold plate and up to the radiator where a fan blows cool air over the fins and lowers the coolant's temperature. The now-cooled water flows down the return pipe and is again pushed over the coldplate.

Ketetapan

Barangan ini sesuai diperjeniskan di bawah kod tarif **8419.89 000** sebagai **other cooling equipment** berdasarkan alasan-alasan berikut:

- 1) Barangan adalah peralatan dipasang dalam CPU yang berfungsi sebagai *cooling mechanism* untuk komputer microprocessor di dalam CPU.
- 2) Komponen utama barangan terdiri daripada *cold plate*, *waterblock (with built-in pump)*, *radiator*, kipas, dan *tubing* yang mengandungi cecair (*distilled water with Propylene Glycol*).
- 3) *Cold plate* yang disambung (*attached*) kepada CPU akan bertindak sebagai *cooling mechanism*. Haba panas akan diserap oleh *cold plate* ini dan dialir keluar melalui cecair / *coolant (distilled water with Propylene Glycol)* di dalam *tubing* yang bersambung dengan *pump* dan *radiator*. Kipas yang dipasang pada *radiator* hanya berfungsi untuk merendahkan suhu *coolants* (*lowers the coolant's temperature*). dengan cara *blows cool air over the fins (radiator)*. *The now-cooled water flows down the return pipe and is again pushed over the cold plate*.

4) Oleh yang demikian, barangan sesuai sebagai *other cooling equipment* dan termasuk di dalam liputan EN 2012 muka surat XVI-8419-1 iaitu :

84.19 - Machinery, plant or laboratory equipment, whether or not electrically heated (excluding furnaces, ovens and other equipment of heading 84.14), for the treatment of materials by a process involving a change of temperature such as heating, cooking, roasting, distilling, rectifying, sterilising, pasteurising, steaming, drying, evaporating, vaporising, condensing or cooling, other than machinery or plant of a kind used for domestic purposes;

- Instantaneous of storage water heaters, non-electric :
.....
- Medical, surgical or laboratory sterilisers
- Dryer :
.....
- Distilling or rectifying plant :
.....
- Heat exchange units
- Machinery for liquefying air or other gases
- **Other machinery, plant and equipment :**

8419.81 - - For making hot drinks or for cooking heating food

8419.89 - - Other

8419.90 - Parts

It should be notes that this heading does not include :

(a) – (r)

With these exceptions, this heading covers machinery and plant designed to submit materials (solid, liquid or gaseous) to a heating or cooling process in order to cause a simple change of temperature, or to cause a transformation of materials resulting principally from the temperature change (e.g., heating, cooking, roasting, distilling, rectifying, sterilising, pasteurising, steaming, drying, evaporating, vaporising, condensing or cooling process). But the heading excludes machinery and plant in which the heating or cooling, even if essential, is merely a secondary function designed to facilitate the main mechanical function of the machine or plant, e.g., machines for coating biscuits, etc.,

The machinery or plant classified in this heading may or may not incorporate mechanical equipment.

They may be heated by any system (coal, oil, gas, steam, electricity, etc.), except in the case of

The heading includes a very wide range of machinery and plant of type described below.....

(I) HEATING OR COOLONG PLANT AND MACHINERY

This group covers plant of general use in many industries for simple treatment of materials by heating, boiling, cooking, concentration, evaporation, cooling. Etc. They include :

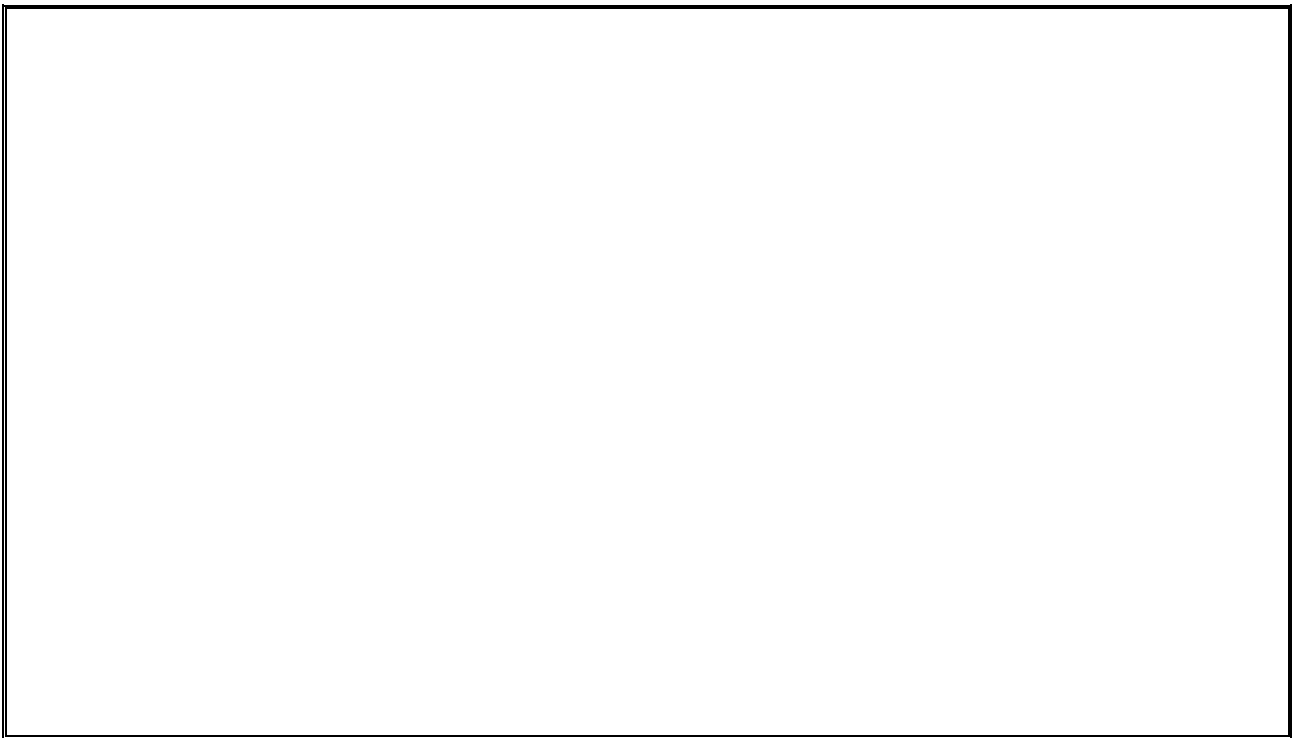
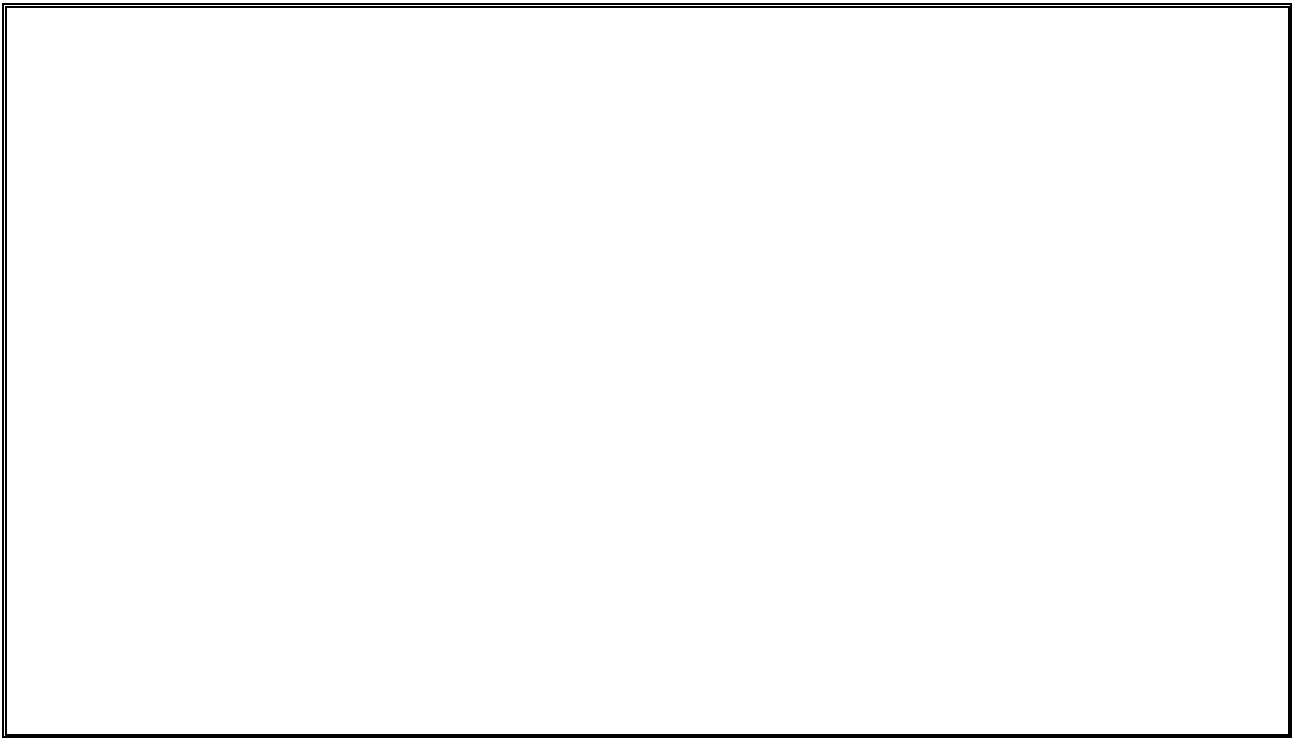
(A) Vessel. Vats, etc., of various kinds for heating or cooling :

(1) Vessels, vats, etc., for indirect heating or cooling with double walls or bottoms incorporating provisionn for thecirculation of steam, chilled brine or other heating or cooling media.

(2)

(B)

Dagangan : RAW SUGAR Nama Barangan : Jaggery Powder	Kod Tarif (Perintah Duti Kastam 2012) : 1701.14 000 Tarikh Kelulusan : 14 November 2014
<u>Keterangan barangan :</u>	



Dagangan : PREPARED CONDIMENT

Nama Barangan : Wasabi Powder (Horseradish Powder)

Jenama : House Food

Kod Tarif (Perintah Duti Kastam 2012) :

2103.90 900

Tarikh Kelulusan : 14 November 2014

Keterangan barangan :

Barangan berupa serbuk berwarna *off-white* yang dibungkus di dalam *resealable bag* seberat 1 kg.



Ingredients berdasarkan pek pembungkusan adalah seperti berikut:

- *Horseradish*
- *Mustard Flour*
- *Corn Starch*
- *Ascorbic Acid (to protect flavor)*
- *Artificial Color (FD&C Yellow 5(102) FD&C Blue 1(133))*

Berdasarkan maklumat di Lampiran 1C, peratus kandungan bahan mengikut pecahan adalah seperti berikut:

Ingredients:

<i>Horseradish</i>	75%
<i>Mustard Flour</i>	20%
<i>Cornstarch</i>	<2%
<i>Ascorbic Acid</i>	<2%
<i>Others</i>	
<i>Coloring (FD&C Yellow #5)</i>	
<i>Coloring (FD&C Blue #1)</i>	

Kaedah penyediaan barangan adalah dengan mencampurkan 200 ml air ke dalam 100 g *wasabi powder* dan digaul. Kuantiti air adalah mengikut citarasa masing-masing.

Proses pembuatan barangan adalah seperti berikut:

Materials → *Mixing* → *Filling* → *Packing* → *Finished Product*

Kegunaan barangan adalah :

- 1) *As a spice for the food*
- 2) *As a raw ingredient for making other recipes such as sauce, ice cream, cake or add flavour to food.*

Fakta :

Laporan analisis pakar mengesahkan barangan berupa serbuk berwarna *off-white* mengandungi bahan tumbuhan (kebanyakannya *mustard*), kanji, protein dan bahan mineral kebanyakannya sebatian *potassium, calcium*.

Barangan telah dipek dalam pembungkusan untuk jualan runcit.

Barangan ini akan menghasilkan "*wasabi paste*" apabila ia dicampur dan digaul dengan air. Selepas itu, ia boleh terus dimakan.

Kegunaan barangan adalah *as a spice for the food* dan *as a raw ingredient for making other recipes such as sauce, ice cream, cake or add flavour to food*.

Ketetapan:

Barangan ini sesuai diperjeniskan di bawah kod tarif **2103.90 900 (PDK 2012)** sebagai ***sauces and preparations therefor ; mixed condiments and mixed seasonings ; mustard flour and meal and prepared mustard ; other ; other*** berdasarkan alasan-alasan berikut:

- Mengikut maklumat syarikat, kandungan utama bahan dalam barangan ini adalah *horseradish* sebanyak 75% dan *mustard flour* sebanyak 25%. Bahan-bahan lain adalah *cornstarch, ascorbic acid* dan *coloring*.
- Mengikut keterangan pemohon, kegunaan barangan adalah *as a spice for the food* dan *as a raw ingredient for making other recipes such as sauce, ice cream, cake or add flavour to food*.
- Berdasarkan *Japanese Food Encyclopedia* dan *Wikipedia* (kand. 8 & 9), *wasabi* merupakan sejenis *condiment* (perasa) yang biasanya dimakan bersama makanan tradisional Jepun seperti mi soba, *ochazuke*, dan hidangan makanan laut seperti *sashimi, sushi*, dan kek ikan *kamaboko*.
- Kaedah penyediaannya adalah dengan mencampurkan air ke dalam *wasabi powder* dan digaul sehingga menghasilkan "*wasabi paste*". Selepas itu, ia boleh terus dimakan.
- Berdasarkan kandungan bahan dan kegunaan, barangan ini sesuai di bawah *heading* 21.03 di dalam EN HS 2012 muka surat IV-2103-1&2 yang memperuntukkan:

21.03 - *Sauces and preparations therefor ; mixed condiments and mixed seasonings ; mustard flour and meal and prepared mustard.*

- | | | |
|---------|---|--|
| 2103.10 | - | <i>Soya sauce</i> |
| 2103.20 | - | <i>Tomato ketchup and other tomato sauces</i> |
| 2103.30 | - | <i>Mustard flour and meal and prepared mustard</i> |
| 2103.90 | - | <i>Other</i> |

(A) SAUCES AND PREPARATIONS THEREFOR; MIXED CONDIMENTS AND MIXED SEASONINGS

This heading covers preparations, generally of a highly spiced character, used to flavor certain dishes (meat, fish, salads, etc.), and made from various ingredients (eggs, vegetables, meat, fruit, flours, starches, oil, vinegar, sugar, spices, mustard, flavourings, etc.). Sauces are generally in liquid form and preparations for sauces are usually in the form of powders to which only milk, water, etc. need to be added to obtain a sauce.

Sauces are normally added to a food as it cooks or as it is served. Sauces provide flavour, moisture, and a contrast in texture and colour. They may also serve as a medium in which food is contained, for example, the veloute sauce of creamed chicken. Seasoning liquids (soy sauce, hot pepper sauce, fish sauce) are used both as ingredients in cooking and at table as condiments.

*The heading also includes certain **preparations, based on vegetables** or fruit, which are mainly liquids, emulsions or suspensions, and sometimes contain visible pieces of vegetables or fruit. These preparations differ from prepared or preserved vegetables and fruit of Chapter 20 in that they are used as sauces, i.e., **as an accompaniment to food or in the preparation of certain food dishes, but are not intended to be eaten by themselves.***

Mixed condiments and mixed seasonings containing spices differ from the spices and mixed spices of headings 09.04 to 09.10 in that they also contain one or more flavouring or seasoning substances of Chapters other than Chapter 9, in such proportions that the mixture has no longer the essential character of a spice within the meaning of Chapter 9 (see the General Explanatory Note to that Chapter).

Examples of products covered by the heading are : mayonnaise, salad dressings, Bearnaise, bolognaise (consisting of chopped meat, tomato puree, spices, etc.), soya sauces, mushroom sauce, Worcester sauce (generally made with a base of thick soya sauce, an infusion of spices in vinegar, with added salt, sugar, caramel and mustard), tomato ketchup (a preparation made from tomato puree, sugar, vinegar, salt and spices) and other tomato sauces, celery salt (a mixture of cooking salt and finely ground celery seeds), certain mixed seasonings for sausage making, and products of Chapter 22 (other than those of heading 22.09) prepared for culinary purposes and thereby rendered unsuitable for consumption as beverages (e.g., cooking wines and cooking Cognac).

- Barangan tidak sesuai diperjeniskan di bawah *subheading* 2103.30 sebagai *mustard flour and meal and prepared mustard* kerana kandungan utama bahan dalam barangan ini adalah *horseradish powder*. Penjenisan di bawah *subheading* 2103.30 ini berdasarkan interpretasi EN HS 2012 muka surat IV-2103-2 menyatakan kandungan *mustard* mestilah lebih banyak dan menjadi bahan utama dalam sesuatu barangan berbanding bahan-bahan lain.
- Mengikut PDK 2012 barangan sesuai diperjeniskan di bawah kod tarif 2103.90 900 sebagaimana berikut:

21.03 - *Sauces and preparations therefor; mixed condiments and mixed seasonings; mustard flour and meal and prepared mustard.*

2103.90 - Other

100 -- *Sauces other those of subheadings 2103.10 000 and 2103.20 000*

200 -- *Belachan*

900 -- Other

Dagangan : POTATO FLAKES Nama Barangan : Potato Flakes	Kod Tarif (Perintah Duti Kastam 2012) : 1105.20 000 Tarikh Kelulusan : 14 November 2014
--	---

Keterangan barangan :

Berdasarkan MSDS, keterangan barangan adalah seperti berikut:

<i>Trading name</i>	Potato Flakes
<i>Nature of the product</i>	Substance
<i>Use of the product</i>	Food ingredient
<i>Composition and information on ingredient</i>	100% Potato flakes
<i>Appearance</i>	Light yellow flakes
<i>Ignition temperature (°C)</i>	440-530
<i>Minimum ignition energy of spark (mJ)</i>	>105
<i>Minimum explosion concentration (g/m³)</i>	250
<i>Minimum explosion pressure (bar)</i>	6,0-6,9
<i>KST value (bar ms⁻¹)</i>	16-35
<i>Dust explosion classification (ST)</i>	1

Mengikut maklumat syarikat, berikut adalah *specification potato flakes 3mm – snack food*:

Production process

Potatoes are washed, steam peeled and cut; afterwards they are blanched, cooled and then cooked; finally the mash is dried and cut into potato flakes.

Physical and chemical properties:

Moisture : max. 10%
 Visual defects (>1mm) : max. 10/100g
 Density : 270-550 g/l, on customer request

Additives:

Type	Code CEE	Designation	Concentration
Natural colouring	E100	Curcuma	400 ppm
Preservative	E223	Sodium metabisulfite	100 ppm
Antioxidants	E304	Ascorbyl palmitate	200 ppm
	E330	Citric acid	200 ppm
Stabilizer	E450	Pyrophosphate	Approx. 0.1%
Emulsifier	E471	Monoglyceride	Max. 0.5%

Storage: Store in a dry, cool and ventilated place in unopened original packaging.

Shelf life: 12 months.

Fakta :

Laporan analisis pakar mengesahkan barangan berupa serbuk berwarna krim yang berbau tepung didapati berasal daripada "potato" dan mengandungi kebanyakannya kanji, cellulose, protein serta 4.0% bahan inorganik (terutamanya sebatian potassium dan phosphorus).

Berdasarkan proses pengilangan, barangan melalui proses washing, steam peeling and cutting, blanching, cooling, cooking, drying and cutting into potato flakes.

Mengikut maklumat syarikat, *the product can be used in a wide range of applications from different snack products to mashed potatoes, croquettes, and similar potato based products, binding and thickening agents in meat as well as in soups and sauces.*

Barangan dalam pembungkusan 25 kg multiply paper bags.

Berdasarkan maklumat syarikat, kandungan barangan adalah 100% *potato flakes*. Barangan juga mengandungi sejumlah kecil *additives*.

Kegunaan barangan adalah sebagai *food ingredients that can be used in a wide range of applications from different snack products to mashed potatoes, croquettes, and similar potato based products, binding and thickening agents in meat as well as in soups and sauces.*

Barangan ini sesuai diperjeniskan di bawah kod tarif **1105.20 000 (PDK 2012)** sebagai ***flakes of potatoes***.

Mengikut *Wikipedia*, perbezaan diantara *potato starch* dengan *potato flour* adalah sebagaimana berikut:

Potato starch flour is obtained by **grinding the tubers to a pulp and removing the fibre and protein by water-washings**. *Potato starch (flour) is very white starch powder used as a thickening agent. Standard (native) potato starch needs boiling, to thicken in water, giving a transparent gel.....*

Potato flour, often confused with potato starch, is a **peeled, (pre-)cooked potato powder of mashed, mostly drumdried and grinded potato flakes** using the whole potato and thus containing the protein and some of the fibres of the potato; having an **off-white slight yellowish color**. These **dehydrated, dried, potatoes** or also called **instant mashed potatoes** can also be granules or **flakes**. *Potato flour is cold-water soluble; however, it isn't used often as it tends to be heavy.*

Oleh yang demikian, berdasarkan keterangan di atas, *appearance dan manufacturing process* bagi barangan ini mengesahkan bahawa barangan bukanlah sejenis *potato starch flour*, maka ia tidak sesuai sebagai *potato starch* di bawah *heading 11.08*.

Barangan mendapat liputan di bawah *heading 11.05* sebagaimana keterangan EN HS 2012 muka surat II-1105-1 iaitu:

11.05 - Flour, meal, powder, flakes, granules and pellets of potatoes.

1105.10 - Flour, meal and powder

1105.20 - Flakes, granules and pellets

This heading applies to dried potatoes presented as flour, meal, powder, flakes, granules or pellets. The flour, powder, flakes and granules of the heading may be obtained by steam cooking and mashing fresh potatoes and subsequent drying of the resulting mash either to a flour, powder or granules or to thin sheets which are cut into small flakes. The pellets of the heading are usually obtained by agglomeration of flour, meal, powder or pieces of potato.

Products of this heading may be improved by the addition of very small amounts of antioxidants, emulsifiers or vitamins.

However, the heading excludes products to which other substances have been added so that they take on the characteristics of potato preparations.

The heading also excludes:

- (a) *Potatoes which have been simply dried, dehydrated or evaporated, without further processing (heading 07.12).*
- (b) *Potato starch (heading 11.08).*
- (c) *Tapioca substitutes prepared from potato starch (heading 19.03).*

Dagangan : CATALYST / CATALYTIC PREPARATION

Nama Barangan : Sodium Methoxide-Methanol Solution

Kod Tarif (Perintah Duti Kastam 2012) :

3815.90 000

Tarikh Kelulusan : 14 November 2014

Keterangan barangan :

Berdasarkan MSDS, keterangan barangan adalah seperti berikut:

- 1) *MSDS Name* : Sodium Methoxide - Methanol Solution
- 2) *Synonyms* : Sodium Methylate - Methanol Solution
- 3) *Composition, Information on Ingredients:*

CAS#	Chemical Name	Percent
124-41-4	Sodium Methoxide	30.0
68-56-1	Methanol	70.0

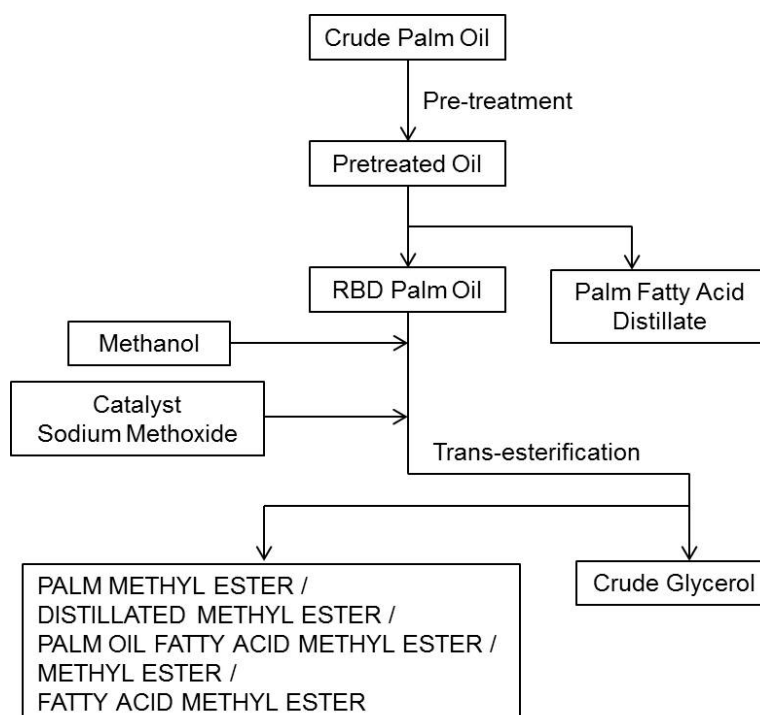
- 4) *Physical and Chemical Properties:*

- *Physical State* : Liquid
- *Odor* : of methanol
- *pH* : approx. 11
- *Vapor Pressure* : 50 mmHg @ 20°C
- *Boiling Point* : 93 deg C @ 760.00 mm Hg
- *Freezing / Melting Point* : -5 °C
- *Flash Point* : 32 °C (89.60 °F)
- *Solubility* : Soluble in methanol
- *Density* : 0.969 g/cm³

Mengikut maklumat pemohon, kegunaan barangan as a catalyst for the chemical reaction to produce biodiesel.

Barangan diimport di dalam isotank.

Process flowchart bagi barangan ini adalah seperti berikut:



Fakta :

Laporan pakar mengesahkan barangan berupa cecair berwarna kekuningan adalah *Sodium Methoxide - Methanol Solution*. Peratusan bahan tidak meruap (*Non Volatile Compound, NVC*) adalah 27.0%.

Maklumat daripada pemohon mengesahkan barangan terdiri daripada 30% *sodium methoxide* di dalam 70 % *methanol solution*.

Barangan digunakan *sebagai catalysts for the chemical reaction to produce biodiesel*.

Ketetapan:

Barangan ini sesuai diperjeniskan di bawah kod tarif **3815.90 000 (PDK 2012)** sebagai ***catalytic preparations, not elsewhere specified or included*** berdasarkan alasan-alasan berikut :

- Analisis pakar mengesahkan barangan adalah *Sodium Methoxide - Methanol Solution* dengan peratusan bahan tidak meruap (*Non Volatile Compound, NVC*) adalah 27.0%.

Mengikut maklumat MSDS, barangan adalah *mixtures of chemical compounds* yang terdiri daripada 30% *sodium methoxide* dan 70 % *methanol solution*.

Barangan tidak sesuai di bawah *heading 29* kerana barangan merupakan sejenis *preparations* yang tidak menepati keterangan dalam *Chapter Note 1 to Chapter 29 EN HS 2012* muka surat VI-29-1&3 sebagai "*separate chemically defined organic compound*" iaitu:

Chapter 29
Organic chemicals

Notes.

1.- *Except where the context otherwise requires, the headings of this Chapter apply only to:*

(a) *Separate chemically defined organic compounds, whether or not containing impurities;*

(A) **Chemically defined compounds**

(Chapter Note 1)

A separate chemically defined compound is a substance which consists of one molecular species (e.g.,) covalent or ionic) whose composition is defined by a constant ration of elements and can be represented by a definitive structural diagram. In a crystal lattice, the molecular species corresponds to the repeating unit cell.

.....

Chemical preparations di dalam HS diperjeniskan mengikut kegunaan atau fungsi sesuatu barangan. Dalam kes ini, kegunaan barangan adalah *as a catalyst for the chemical reaction to produce biodiesel*.

Barangan sesuai di bawah *heading 38.15* berdasarkan EN HS 2012 muka surat VI-3815-1 sepertimana berikut:

38.15 - Reaction initiators, reaction accelerators and *catalytic preparations, not elsewhere specified or included*.

3815.90 - Other

This heading covers preparations which initiate or accelerate certain chemical processes. Products which retard these processes are not included.

These preparations fall broadly into two groups.

(a)

*(b) Those of the second group are mixtures with a basis of compounds whose nature and proportions vary according to the chemical reaction to be catalysed.
.....*

Mengikut PDK 2012, barangan sesuai diperjeniskan di bawah kod tarif 3815.90 000.

Dagangan : FIBER GLASS PIPE	Kod Tarif (Perintah Duti Kastam 2012) :
Nama Barangan : Glass Fiber Reinforced-Plastic (GRP) Pipes	3917.29 939
Jenama : Fiberstrong	Tarikh Kelulusan : 14 November 2014
Model : Diameter – 25MM – 4000MM	

Keterangan barangan :

Barangan merupakan batangan paip berongga pelbagai ukuran diameter yang diperbuat **Lapisan Polyester** berasaskan **fibreglass reinforced composites** dan disalut pula dengan lapisan **Thermosetting Polyester resin** di sebelah dalam dan luar paip. Barangan ini dinamakan sebagai **Glass fibre reinforced-plastic (GRP)** pipes, jenama **Fibrestrong**.

Spesifikasi Barangan.

Ukuran :

Standard : ASTM D3262
Diameter : 80 mm – 4000 mm
Temperature : 55 Degree Celcius
Pressure : 25 barg
Lenght : 12 meter
Coating in/out : Resin



Gambar 1 : Glass fibre reinforced-pipes (GRP)

Glass fibre reinforced-pipes (GRP)

Fiberglass (or **fibreglass**) is the common name for **glass-reinforced plastic (GRP)**^[1] or alternatively **glass-fiber reinforced plastic (GFRP)**! Fiberglass is a [fiber reinforced polymer](#) made of [plastic](#) reinforced by [glass fibers](#), commonly woven into a mat. The plastic may be a [thermosetting plastic](#)- most often [epoxy](#), [polyester](#)- or [vinylester](#) or a [thermoplastic](#). The glass fibers are made of various types of glass depending upon the fiberglass use. These glasses all contain silica or silicate, with varying amounts of oxides of calcium, magnesium, and sometimes boron. Boron-containing fiberglasses consume half the global production of [boron](#) minerals, and are the largest commercial consumer of the element.

Fiberglass is a strong lightweight material and is used for many products. Although it's not as strong and stiff as [carbon fiber](#) it is less brittle, and its raw materials are much cheaper. Its bulk strength and weight are also better than many metals, and it can be more readily molded into complex shapes. Applications of fiberglass include, aircraft, boats, automobiles, bath tubs and enclosures, hot tubs, septic tanks, water tanks, roofing, pipes, cladding, [casts](#), surfboards, and external door skins.

Fakta Barangan:

Barangan dinamakan ***Glass fibre reinforced-pipes (GRP)***.

Barangan berbentuk 'finish product'.

Ukuran :

- a) Diameter 80 mm - 4000 mm.
- b) Panjang 12 meter/batang.

Kegunaan - Barangan digunakan sebagai saluran paip air untuk :

- Saluran air mentah
- Saluran air paip siap proses/rawat
- Saluran pembentungan

Barangan dibuat daripada ***fibreglass*** yang merupakan ***fiber reinforced polymer*** yang dibuat daripada ***plastik***.

Ketetapan

Barangan ini sesuai diperjeniskan di bawah no. kod tarif ***3917.29 939*** sebagai ***Other plastics pipes of condensation or rearrangement polymerisation products*** ,berdasarkan alasan-alasan berikut ;

- Barangan ini berbentuk "finish product" yang dibuat daripada fibreglass dan merupakan sejenis polimer diperbuat daripada plastik yang telah mengalami proses polymerisation.Oleh itu no.kod tarif ***3917.29 939*** adalah bersesuaian kerana merujuk kepada barangan paip yang dibuat daripada lain-lain jenis plastik.
- Perintah Duti Kastam.

Berdasarkan Perintah Duti Kastam 2012, muka surat 249, barangan ini sesuai diletakkan dibawah kod tarif ***3917.29 939***;

39.17 Tubes,pipes and hoses, and fittings therefor (for example, joints,elbows,flanges), of plastics.

- 3917.10 - Artificial guts (sausage casings) of hardened protein or of cellulosic materials :
 - 100 - - Of hardened proteins
 - 900 - - Other

- **Tubes, pipes and hoses, rigid :**

3917.21 000	- -	Of polymer of ethylene
3917.22 000	- -	Of polymer of propylene
3917.23 000	- -	Of polymer of vinyl chloride
3917.29	- -	Of other plastics :
700	- - -	Futher worked than merely surface work
	- - -	Other
920	- - - -	Of other edition polymerisation products :
931	- - - -	Of phenolic resins
932	- - - -	Of amino-resins
939	- - - -	Other

Kepala 39.17 merujuk kepada paip daripada plastik dan pecahan kepala 29. 939 merujuk kepada lain-lain jenis plastic yang mengalami proses polymerisation.

Nota Bab – muka surat 242.

8. For the purpose of heading 39.17, the expression "tubes, **pipes** and hoses" means hollow products, wheather semi-manufactures or finished products, of a kind used conveying, conducting or distributing gases or liquids.....

- Explanatory Note.

Barangan ini mendapat liputan dalam EN 2012 di muka surat XV-7305-1

39.17 Tubes, pipes and hoses, and fittings therefor (for example, joints, elbows, flanges), of plastics.

3917.10	-	Artificial guts (sausage casings) of hardened protein or of cellulosic materials :
	-	Tubes, pipes and hoses, rigid :
3917.21	- -	Of polymer of ethylene
3917.22	- -	Of polymer of propylene
3917.23	- -	Of polymer of vinyl chloride
3917.29	- -	Of other plastics :

Nota Bab di muka surat ini menyatakan :

Tubes, pipes and hoses and fittings therefor maybe rigid or flexible and may be reinforced or otherwise combined with other materials.

Polymer - The proses by which polymers are formed is termed polymerisation.

<p>Dagangan : SOYA POWDER</p> <p>Nama Barangan : Instant Soya Protein Powder Jenama : Jia Hor</p>	<p>Kod Tarif (Perintah Duti Kastam 2012) :</p> <p>2106.90 500</p> <p>Tarikh Kelulusan : 14 November 2014</p>
---	--

Keterangan barangan :

Barangan terdiri daripada sejenis minuman berkhasiat.

Butiran barangan tersebut adalah seperti berikut :

- Nama barangan : ***Instant Soya Protein Powder***
- Kategori : Sejenis minuman berkhasiat.
- Bentuk : Powder soya – warna putih krim.
- Bungkusan : 1 kotak / 30 sachet
- Berat : 1 sachet / 10 gm.
- Aturan makan :
 - Dewasa : 3 sachets / daily.
 - Campur dengan 200 ml air suam atau susu segar atau jus buah dan goncang sebelum diminum.
- Fungsi : berfungsi sebagai minuman berkhasiat untuk mengurangkan pengumpulan lemak dan menambah tenaga untuk keperluan kesihatan tubuh badan.



Fakta Barangan:

Barangan berbentuk 'barang siap' dan sedia untuk dimakan oleh orang dewasa sebagai ***makanan tambahan.***

Akta Diet Kesihatan Tambahan dan Pendidikan (DSHEA) 1994 menjelaskan makanan tambahan kesihatan seharusnya mengandungi vitamin, mineral, makanan, botani, asid amino dan ia seharusnya bersifat memenuhi pengambilan biasa semua unsur-unsur tersebut.

Fungsi.

Minuman berkhasiat.

- Soya protein isolates are plant-base proteins that can be readily absorbed (up to 95%) by the human body for utilization, thus reducing the intake of fats and cholesterols. The Soya Isoflavones found in them exhibit an amazing effect in preventing breast cancer.
- Lecithin helps reduce the build-up of excessive fats in the blood vessels and the liver, in addition to encouraging developmental growth of the brain. It is ideal for pregnant women to ensure healthy development of brain functions in the fetus. At the same time, it also contributes to preventing the onset of senile dementia among the aged.
- Papain (papaya enzyme) and bromelin (pineapple enzyme) are capable of breaking down the large molecules of proteins into smaller ones to enhance their digestion and assimilation.
- This exclusive formulation allows you to assimilate all the essential amino acids in one go and keep you fully energized all-day long.

Material Barangan.

- Soya – protein, karbohidrat, gula.
- Mineral - sodium, kalsium, phosphorus, potassium dan magnesium.

Ketetapan

Barangan ini sesuai diperjeniskan di bawah no. kod tarif **2106.90 500** sebagai **Other preparation for the manufacture of other beverages**, berdasarkan alasan-alasan berikut ;

- Barangan merupakan persediaan **bukan makanan tambahan / supplement** kerana menurut **Akta Diet Kesihatan Tambahan dan Pendidikan (DSHEA) 1994** menjelaskan makanan tambahan kesihatan seharusnya mengandungi **vitamin, mineral, makanan, botani, asid amino** dan ia seharusnya bersifat memenuhi pengambilan biasa semua unsur-unsur tersebut.
- Berdasarkan ingredients dalam Lampiran 1B, di dapati tiada unsur-unsur di atas yang boleh diterima barangan ini sebagai food supplement. Oleh itu barangan ini hanya dianggap sebagai minuman berkhasiat dengan campuran enzim buah-buahan.

Perintah Duti Kastam.

Berdasarkan Perintah Duti Kastam 2012, barangan ini sesuai diletakkan dibawah kod tarif **2106.90 500**

21.06 Food preparations not elsewhere specified or included.

2106.10 000 - Protein concentrates and textured protein substances

2106.90	- Other
100	- - Table cream powders having a basic of milk
200	- - Seri kaya
300	- - Autolysed yeast extracts
	- - Alcoholic and non- alcoholic.....
410	- - - Non-alcoholic compound.....
490	- - - Other
500	- - Preparations for the manufacture of lemonade or other beverages
600	- - preparation for making jellies
700	- - Ice cream powder
800	- - Food supplements

Kepala **21.06** merujuk kepada **food preparations** iaitu suatu persediaan **makanan**. Manakala sub kepala **90.500** merujuk kepada ***lain-lain jenis minuman berkhasiat***.

Explanatory Note.

EN 2012 di muka surat IV-2106-1 menyatakan :

21.06 - Food preparations not elsewhere specified or included.

2106.10 - Protein concentrates and textured substances

2106.90 - Other

Nota Bab di muka surat ini menerangkan :

Provided that they are not covered by any other heading of the Nomenclature, this heading covers:

(B) Preparations consisting wholly or partly of foodstuffs, used in the making of beverages or food preparations for human consumption. The heading includes preparations consisting of mixtures of chemicals (organic acids, calcium salts, etc.) with foodstuffs (flour, sugar, milk powder, etc.), for incorporation in food preparations either as ingredients or to improve some of their characteristics (appearance, keeping qualities, etc.) (see the General Explanatory Note to Chapter 38).

Dagangan : QUARTZ STONE	Kod Tarif (Perintah Duti Kastam 2012) :
Nama Barangan : Imitation Quartz Stone	6810.19 900
Jenama : Yaxis	
Model : Solid Slab	Tarikh Kelulusan : 14 November 2014

Keterangan barangan :

Barangan berupa kepingan **Imitation Quartz Stone** yang dibuat melalui proses kimia dan bukannya kepingan batu quartz yang diambil secara semulajadi dari bumi. Butiran adalah seperti berikut :

Nama : Artificial Quartz Stone
 Produk : Terhasil melalui proses kimia (bukan batu quartz semulajadi)
 Bentuk : Kepingan
 Ukuran : Panjang – 3100 mm x Lebar – 1550 mm x Tebal – 15 mm.
 Warna : Amber dan night sky
 Kegunaan : Kitchen Counter Top



Gambar 1 : Imitation Quartz Stone –slab

Artificial Quartz Stone.

Artificial stone is an imitation of natural stone obtained by agglomerating pieces of natural stone or crushed or powdered natural stone with resin or cement or plastic. Articles of artificial stone include terrazzo, granite, etc.

Quartz is one of the most beautiful and resistant materials in nature.

“Artificial Quartz material comprises 93% of natural quartz and 7% high quality binding polyester resins by vibrocompression vacuum process.

It is non-porous and high resistant to stain and scratches, making it ideal for kitchen worktops, vanity tops and all kinds of internal surface such as kitchen tables, walls and floors. Engineered quartz (artificial quartz) by nature can prevent bacterial proliferation without any antibacterial chemicals in the product.

Fakta Barangan:

Analisis pakar mengesahkan sampel merupakan kepingan imitation batu quartz yang mempunyai permukaan licin, seperti marmar berwarna hitam dengan ukuran panjang-10.0 cm x lebar- 5.9 cm dan tebal – 0.8 cm.

Hasil analisis - sebatian aluminium, calcium dan iron.

Barangan berbentuk separuh siap dalam bentuk kepingan besar dan perlu dipotong sebelum dapat dibentuk menjadi counter/table top.

Barangan diimport berukuran :

- **Panjang 3100 mm x Lebar 1150 mm x Tebal 15 mm.**

Komposisi.

- Sebatian quartz dengan campuran sebatian aluminium, sodium, magnesium, calcium dan iron.
- Resins
- Glasses

Kegunaan.



Gambar 2 : Kitchen Counter Top

Ketetapan

Barangan ini, sesuai diperjeniskan di bawah kod tarif **6810.19 900** sebagai ***Other similar articles of artificial stone*** berdasarkan alasan **berikut** ;

- Barangan merupakan imitation natural quartz stone yang dibuat dengan bahan campuran batu quartz, resin, glasses dan metallic powder melalui proses mampatan menggunakan acuan dan distimkan beberapa jam di bawah tekanan suhu tinggi sebelum membentuk slab imitation quartz. Oleh itu imitation quartz stone ini adalah sesuai diletakkan di bawah no kod tarif 6810.19 900 sebagai lain-lain barangan yang menyamai tiles, flagstones dan bricks.
- No.kod tarif 6810.99 000 tidak sesuai digunakan kerana ia Other articles yang mana di bawahnya terdiri daripada sub kepala 91.000 yang merujuk kepada structural component for buildings or for civil engineering seperti panels, walls, floor, siling sec. Komponen ini biasanya dibuat dengan campuran konkrit dan 99.000 (Other) yang merujuk kepada barangan seperti flower-pots, garden ornaments; statues dan ornamental goods.

- Perintah Duti Kastam 2012.

Berdasarkan PDK 2012 di muka surat 234 menyatakan :

68.10 Articles of cement, of concrete or of artificial stone, whether or not reinforced.

- Tiles,flagstones,bricks and similar articles :

6810.11 000 - - Building blocks and bricks

6810.19 - - Other

100 - - - Floor or wall tiles

200 - - - Roofing tiles

900 - - - Other

- Other articles :

6810.91 000 - - Prefabricated structural components for building or civil engineering

6810.99 000 - - Other

No.kod tarif di atas adalah bersesuaian kerana kepala **68.10** merujuk kepada articles yang diperbuat daripada artificial stone/imitation stone manakala sub kepala **19.900** merujuk kepada lain-lain barangan yang terhasil menyamai articles tiles,flagstones dan bricks.

- Explanatory Note 2012.

Berdasarkan EN muka surat XIII-6810-1 menyatakan :

68.10 Articles of cement, of concrete or of artificial stone, whether or not reinforced.

- Tiles,flagstones,bricks and similar articles :

6810.11 - - Building blocks and bricks

- Other articles :

6810.91 - - Prefabricated structural components for building or civil engineering

6810.99 - - Other

Nota Bab di muka surat XIII-6810-1 pula menerangkan :

This heading covers moulded,preserved or centrifuged articles of cement,of concrete or **of artificial stone**, other than those of heading 68.06 or 68.08.

Artificial stone is an imitation of natural stone obtained by agglomerating pieces of natural stone or crushed or powdered natural stone with lime or cement or other binder (plastics). Articles of artificial stone include those of terrazzo and granito.

When lumps of quartz of various sizes are introduced into the mixture, artificial stone type products are obtained.

Subheading 6810.91 cover prefabricated structural components for building or civil engineering such as pillars, panels, foundation components and etc. These components,generally of concrete.....

<p>Dagangan : TYRE SEALANT</p> <p>Nama Barangan : BX1</p>	<p>Kod Tarif (Perintah Duti Kastam 2012) :</p> <p>3506.91 000</p> <p>Tarikh Kelulusan : 14 November 2014</p>
--	--

Keterangan barangan :

Barangan adalah suatu persediaan kimia **separuh siap** yang terdiri daripada sejenis cecair berwarna putih berbau ammonia. Barangan dipek di dalam container besar dengan kapasiti berat 1 ton. Barangan terdiri daripada campuran **air, ammonia, ethnediol dan 63% bahan tidak meruap iaitu cis-1, 4-polyisoprene (natural rubber).**

Barangan adalah **"liquid latex"** yang dikenali dengan nama perdagangannya sebagai **Bx 1**. Barangan akan diolah semula untuk dijadikan barangan siap yang akan dikenali sebagai **Sealant Tyre.**



Tyre Sealant :

Tyre Sealant is a **liquid (gel)** that is injected into pneumatic tyres offering a permanent guaranteed puncture protection. A liquid tyre sealant which automatically seals the punctures caused by nails, thorns etc. instantly and does not allow the air to escape preventing the tyre to go flat.

Tyre Sealant is an extraordinary puncture prevention system designed to seal tyre punctures instantly and permanently. Tyre Sealant can also repair a flat-puncture tyre. It is a boon for Indian roads.

Sealant is also effective for off road vehicles having tubeless & tube-type tyres travelling at high or low speeds. Sealant immediately seals existing or occurred punctures and small bead leaks. Sealant remains fluid inside the tyre sealing instantly and permanently numerous tread area punctures as they occur.

Fakta Barangan:

Barangan adalah ***persediaan kimia separuh siap*** berbentuk cecair berwarna putih dan berbau ammonia. Barangan adalah campuran air, ammonia, ethnediol dan natural rubber.

Barangan berbentuk 'separuh siap' yang diimport dalam tangki IBC dengan kapasiti berat 1 ton setiap tangki.

Komposisi - Berdasarkan MSDS – Lampiran 1D.

a. Ethanedial	CAS- 107-21-1	25% - 50%
b. Ammonia	CAS- 1336-21-6	< 2.5%
c. Natural Rubber	CAS- 9006-04-6	25% - 50%

Carta aliran pembuatan sealant.

60% Latex Concentrate → Stirring → Add Additives (stabilizer, tackifier, antioxidant) → Stir 4 hours → Filter → Chek colloidal (TSC %, pH, ppm) → Packing → ***Sealant BX1***.

Analisis pakar mengesahkan sampel berupa cecair berwarna putih berbau ammonia yang terdiri daripada campuran ***air, ammonia, ethnediol dan 63% bahan tidak meruap iaitu cis-1, 4-polyisoprene (natural rubber)***.

Kegunaan.

Sealant digunakan untuk dimuatkan ke dalam tayar dan akan bertindak secara automatik dengan menampung / menutup lubang kebocoran tayar kenderaan apabila tayar terkena benda tajam.

Ketetapan

Barangan ini sesuai diperjeniskan di bawah no. kod tarif ***3506.91 000*** sebagai ***Other adhesives based on polymers of headings 39.01 to 39.13 or on rubber***, berdasarkan alasan-alasan berikut ;

- Barangan merupakan persediaan kimia/chemical preparation iaitu percampuran natural rubber sebagai bahan utama di samping ammonia dan ethanedial.

- Perintah Duti Kastam.

Berdasarkan Perintah Duti Kastam 2012, barangan ini sesuai diletakkan dibawah kod tarif ***3506.91 000*** ;

35.06 Prepared glues and other prepared adhesives, not elsewhere specified or included; products suitable for use as glues or adhesives, put up for retail sale as glues or adhesives, not exceeding a net weight of 1 kg.

3506.10 000 - Products suitable for use as glues or adhesives, put up for retail sale as glues or adhesives, not exceeding a net weight of 1 kg.

- ***Other***

3506.91 000 - - Adhesives based on polymers of headings 39.01 to 39.13 or on rubber.

3506.99 000 - - Other

Kepala **35.06** merujuk kepada **preparation of glues** iaitu suatu persediaan kimia. Manakala sub kepala **91.000** merujuk kepada lain-lain jenis adhesives berasaskan rubber untuk jualan dan dipek dengan berat bersih melebihi 1 kg setiap unit.

- **Explanatory Note 2012.**

Penerangan di muka surat VI-3506-1 menerangkan :

35.06 *Prepared glues and other prepared adhesives, not elsewhere specified or included; products suitable for use as glues or adhesives, put up for retail sale as glues or adhesives, not exceeding a net weight of 1 kg.*

3506.10 - Products suitable for use as glues or adhesives, put up for retail sale as glues or adhesives, not exceeding a net weight of 1 kg.

- **Other**

3506.91 - - Adhesives based on polymers of headings 39.01 to 39.13 or on rubber.

3506.99 - - Other

Nota Bab di muka surat ini menyatakan :

(A)

.....

Product having other uses in addition to use as glues or adhesives. are classified in this heading only if there is some indication on the packages that they are intended for sale as glue or adhesives.

Dagangan : RECLAIMED RUBBER

Nama Barangan : Tyre Reclaimed Rubber

Kod Tarif (Perintah Duti Kastam 2012) :

4003.00 000

Tarikh Kelulusan : 14 November 2014

Keterangan barangan :

Barangan merupakan kepingan berwarna hitam dalam bentuk bale iaitu yang telah dibungkus dengan jumlah besar untuk jualan. Barangan ini diperolehi hasil daripada proses semula bahan buangan/skrap tayar getah. Barangan yang diimport telah siap packing dalam bentuk bale iaitu pembungkusan besar seberat 20 kg dan 25 kg/bale (dibungkus dalam bag LDPE).



Gambar 1 : Reclaimed rubber

Reclaimed rubber.

When waste rubber is taken from your place and recycled, is known as reclaimed rubber which means recycled rubber.

Fakta Barangan:

Proses mendapatkan reclaimed rubber.

Rubber granule > breaking in 30 MESH > Chemical & Mixed oil > Devulcanization > knealing > straining > refining > rubber reclaimed.

Barangan diperolehi hasil pemprosesan semula pelbagai peringkat skrap tayar/tayar terpakai.

Spesifikasi produk :

a. Chemical composition

- Acetone extract JIS K6350 <18%
- Ash content TGA <8%
- Carbon black TGA 28+5 %

b. Physical properties

- Specific gravity JIS K 6313 <1.18
- Mooney Viscosity JIS K 6300 < 65
- Hardness Duro A JIS K 6253 56 + 5
- Tensile strength Mpa JIS K 6251 > 8.34
- Elongation at break JIS K 6251 > 280%

c. Packaging.

- 20 kg /25 kg per bale, wrapped with LDPE bag of melting point below 110 degree celcius
- 50 kg per bag (in powder foam)

Kegunaan.

Barangan digunakan sebagai bahan mentah dalam pembuatan barangan seperti belt conveyer, alat ganti kenderaan, karpas, tayar kenderaan, beg tangan dan lain2.

Material.

Dibuat daripada skrap tayar yang dilebur melalui pelbagai peringkat pemprosesan

Analisis pakar mengesahkan sampel bertanda reclaimed rubber berupa serbuk kecil berwarna hitam bersifat tacky, mempunyai distinctive odour". Hasil analisa mendapati :

- sejenis getah yang terdiri daripada poly(isoprene)
- 6.3% bahan inorganic daripada zink, silicon dan sulphur
- Dagangan diperolehi hasil pemprosesan semula bahan buangan daripada tayar getah.

Ketetapan

Barangan ini sesuai diperjeniskan di bawah no. kod tarif **4003.00 000** sebagai **Reclaimed rubber in primary foams or in plates, sheets or strip**, berdasarkan alasan-alasan berikut ;

- Barangan berbentuk separuh siap dinamakan reclaimed rubber dan terhasil daripada pelbagai peringkat proses. Barangan dalam bentuk plate. Kepala 40.03 bersesuaian kerana meletakkan syarat barangan di atas telah mengalami proses **devulcanization**. Jika tiada proses ini barangan diletakkan di bawah kepala 40.04.
- **Perintah Duti Kastam.**
Berdasarkan PDK 2012, barangan sesuai diletakkan di bawah no. kod tarif 4003.00.000.

4003.00.000 - Reclaimed rubber in primary forms or in plates, sheets or strip.

Nota bab No.9 di muka surat 263, PDK 2012 menyatakan :

9. in heading 40.01, 40.02, 40.03, 40.05 and 40.08, the expression "plates" and "strip" apply only to plates, sheets and strip and to blocks of regular geometric shape, uncut or simply cut to rectangular shape..... but no otherwise cut to shape or further worked.

- **Explanatory Note 2012.**
4003.00 - Reclaimed rubber in primary forms or in plates, sheets or strip.

Nota Bab di muka surat VII-4003-1 menyatakan :

Reclaimed rubber is obtained from used rubber articles, especially tyres, or from waste or scrap, of vulcanised rubber, by softening (devulcanising) the rubber and removing some of the unwanted matter by various chemical or mechanical means. The product contains residues of sulphur or other vulcanising agents in combination and is inferior to virgin rubber, being more plastic and more tacky than virgin rubber. It may be put up in sheets dusted with talc or separated by polyethylene film.



This heading covers reclaimed rubber in primary forms or in plates, sheets or strip, whether or not mixed with virgin rubber or other added substances, provided that the product has the essential character of reclaimed rubber.

Berdasarkan pernyataan di atas, barangan telah mengalami proses pelembutan (softening) melalui proses devulcanising. Oleh itu no.kod tarif kepala 40.03 adalah bersesuaian.

Dagangan : OPEN-TOP CONTAINER	Kod Tarif (Perintah Duti Kastam 2012) :
Nama Barangan : Open-Top Offshore Container	8609.00 000
Model : i) OOT006 ii) OOT012	Tarikh Kelulusan : 14 November 2014

Keterangan barangan :

Barangan dikatakan sebagai *open-top offshore container* mempunyai spesifikasi berikut:

<i>Type</i>	10' x 8' x 8' <i>Open Top Container</i>	20' x 8' x 8' 6" <i>Open Top Container</i>
<i>Model No.</i>	OOT006	OOT012
<i>Dimension</i>	2991 x 2438 x 2438 mm	6058 x 2438 x 2591 mm
<i>Gross Weight</i>	10,000 kg	16,500 kg
<i>Tare Weight</i>	1,950 kg	3,900 kg
<i>Maximum Payload</i>	8,050 kg	12,600 kg
<i>Internal Capacity (nominal)</i>	14.6 cu.m.	30.0 cu.m.
<i>Picture</i>	 <p>* PVC Tarpaulin included</p>	 <p>* PVC Tarpaulin included</p>
<i>Handling</i>	<p>(A) They are lifted by crane hook attached to top link of 4 legs lifting set through pad eyes at a maximal 45o from the vertical.</p> <p>(B) They are lifted by fork lift arms through fork lift pockets fitted in the bottom structure on container, whenever being empty or fully loaded.</p>	<p><u>When in use as freight containers:</u></p> <p>(A) Lifting, full or empty at top corner fittings by means of spreaders fitted with twistlocks.</p> <p>(B) Lifting, full or empty at the bottom corner fittings using slings with terminal fittings at sling angles of 45° minimum to the horizontal plane.</p>

	<p>(C) They are not lifted by using ISO corner fittings.</p>	<p>(C) Lifting, full or empty with inner pair of forklift pockets using forklift truck.</p> <p><u>When in use as offshore containers:</u></p> <p>(A) They are lifted by fork lift arms through fork lift pockets fitted in the bottom structure on container, whenever being empty or fully loaded.</p> <p>(B) Lifting, full or empty at padeyes using slings with appropriate shackles at sling 45° to the vertical.</p> <p><u>Transportation when in use as freight containers:</u></p> <p>(A) Marine : in the cell guide : 9 high stacked based on 24,000 MGW On the deck : 4 high stacked and secured at the corner fittings by suitable vertical and/or diagonal lashing.</p> <p>(B) Road : on the flat bed or skeleton chassis to be secured only at 4 bottom corner fittings.</p> <p>(C) Rail : on the flat cars or special container cars, container secured to chassis in Trailer on flat car (TOFC) operation or container secured to car at 4 bottom corner fittings in container on flat car (COFC) operation.</p>
--	--	---

<p><i>Construction</i></p>	<p>(1) <i>Base structure</i></p> <ul style="list-style-type: none"> - <i>Bottom side rails</i> - <i>Crossmembers</i> - <i>Fork pocket</i> <p>(2) <i>Floor</i></p> <p>(3) <i>Front End</i></p> <ul style="list-style-type: none"> - <i>Corner post</i> - <i>Top rail</i> - <i>Bottom rail</i> - <i>End panel</i> <p>(4) <i>Rear End</i></p> <ul style="list-style-type: none"> - <i>Corner post</i> - <i>Door sill</i> - <i>Door header</i> <p>(5) <i>Door System</i></p> <ul style="list-style-type: none"> - <i>Door leaves</i> - <i>Hinges and pins</i> - <i>Locking devices</i> - <i>Door holder and receptacles</i> <p>(6) <i>Side</i></p> <ul style="list-style-type: none"> - <i>Top side rail</i> - <i>Panel</i> <p>(7) <i>Corner fitting</i></p> <p>(8) <i>Internal lashing point</i></p> <p>(9) <i>Rear Frame Mesh Lashing point</i></p> <p>(10) <i>Pad eye</i></p> <p>(11) <i>Drainage holes</i></p>	<p>(1) <i>Base structure</i></p> <ul style="list-style-type: none"> - <i>Bottom side and rear rails</i> - <i>Crossmembers</i> - <i>Fork pocket</i> <p>(2) <i>Floor</i></p> <p>(3) <i>Front End</i></p> <ul style="list-style-type: none"> - <i>Corner post</i> - <i>Top rail</i> - <i>Bottom rail</i> - <i>End panel</i> <p>(4) <i>Rear End</i></p> <ul style="list-style-type: none"> - <i>Corner post</i> - <i>Door sill</i> - <i>Door header</i> <p>(5) <i>Door System</i></p> <ul style="list-style-type: none"> - <i>Door leaves</i> - <i>Hinges and pins</i> - <i>Locking devices</i> - <i>Door holder and receptacles</i> <p>(6) <i>Side</i></p> <ul style="list-style-type: none"> - <i>Top side rail</i> - <i>Panel</i> <p>(7) <i>Internal lashing point</i></p> <p>(8) <i>Pad eye</i></p> <p>(9) <i>Roof</i></p> <ul style="list-style-type: none"> - <i>Tiltcover (tarpaulin)</i> - <i>Bow</i> - <i>Wire rope</i> <p>(10) <i>Sealing</i></p>
----------------------------	--	--

Kegunaan barangan adalah *for the transportation of goods or wastes, handled in open seas, to, from or between fixed and/or floating installations and ships.*

Mengikut maklumat pihak syarikat, *the offshore container is designed, manufactured and tested in accordance with requirements of the following latest editions standards and regulations:*

- i) DNV2.7-1- *Offshore containers*
- ii) EN 12079 - *Offshore containers - Design , construction, testing, inspection and marking.*
- iii) ISO 1161 - *Specification of corner fittings for series 1 freight containers.*
- iv) CSC - *INTERNATIONAL CONVENTION FOR SAFE CONTAINERS*

Fakta:

Barangan adalah sejenis *open-top container* yang diperbuat daripada *steel* yang dibina mengikut spesifikasi *DNV Certification note 2.7-1 Offshore Containers*, EN 12079:2006 dan CSC sebagai *offshore container*.

Kegunaan utama barangan adalah *for the transportation of goods or wastes, handled in open seas, to, from or between fixed and/or floating installations and ships*.

Barangan mempunyai kapasiti sebanyak 14.6 m³ (Model OOT006) dan 30.0 m³ (Model OOT012).

Barangan 10' x 8' x 8' *open-top container model no. OOT006* dilengkapi dengan *fitting devices* bagi memudahkan pengendalian dan pengangkutan barang di laut.

Manakala barangan 20' x 8' x 8'6" *open-top offshore container model no. OOT012* mempunyai dimensi ukuran *container* yang sepadan dengan ukuran *standard ISO container*. Ia boleh diletakkan secara bersusun (*stackable*) dan dilengkapi dengan *fittings to facilitate handling on the different transporting vehicle (marine, road and rail)*.

Ketetapan:

Barangan ini sesuai diperjeniskan di bawah kod tarif **8609.00 000 (PDK 2012)** sebagai ***containers (including containers for the transport of fluids) specially designed and equipped for carriage by one or more modes of transport***.

Barangan adalah mengikut standard spesifikasi *DNV Certification note 2.7-1 Offshore Containers*;

- *An offshore container is a portable unit with a maximum gross mass not exceeding 25 000 kg, for repeated use in the transport of goods or equipment, handled in open seas, to, from or between fixed and/or floating installations and ships. An offshore container comprises permanently installed equipment...*
- Barangan mendapat liputan di dalam EN HS 2012 di bawah *heading 86.09* muka surat XVII-8609-1 seperti berikut:

86.09 - Containers (including containers for the transport of fluids) specially designed and equipped for carriage by one or more modes of transport

*These containers (including lift vans) are packing receptacles specially designed and equipped for **carriage by one or more modes of transport** (e.g., road, rail, water or air). They are equipped with **fittings** (hooks, rings, castors, supports, etc.) to facilitate **handling and securing on the transporting vehicle**, aircraft or vessel. They are thus suitable for the "**door-to-door**" **transport of goods without intermediate repacking** and, being of robust construction, are intended to be **used repeatedly**.*

The more usual type of container include:

- (1)-(2)
- (3) *Containers (generally cylindrical) for the transport of liquids or gases. These containers fall in this heading only if they incorporate a support enabling them to be fitted to any type of transporting vehicle or vessel; otherwise they are classified according to their constituent material.*
- (4) *Open containers for bulk transport of coal, ores, paving blocks, bricks, tiles, etc. These often have hinged bottoms or sides to facilitate unloading.*
- (5)

*Containers usually vary in size from **4 to 145 m³ capacity**. Certain types are however smaller, but their capacity is not normally less than 1 m³.*

<p>Dagangan : PLASTIC MESH</p> <p>Nama Barangan : Miragrid XT</p>	<p>Kod Tarif (Perintah Duti Kastam 2012) :</p> <p>3926.90 990</p> <p>Tarikh Kelulusan : 21 November 2014</p>
--	--

Keterangan barangan :

Barangan yang dinamakan sebagai *Miragrid XT* adalah dalam bentuk seperti *plastic mesh* berwarna hitam. Mengikut pemohon, barangan diimport dalam bentuk rolls dengan lebar 2.5m / 5.0m dan panjang berukuran 100 meter.

Berdasarkan maklumat daripada pemohon, barangan diperbuat daripada *high strength polyester yarn*.

Barangan ini dikatakan sejenis *high tenacity polymer coated polyester geogrid* untuk *soil reinforcement*. Secara fizikal ia adalah kepingan yang berwarna hitam dalam bentuk *woven geogrid* serta mempunyai lubang-lubang berbentuk segiempat tepat .

Barangan digunakan untuk *wall and slope reinforcement, road sub-base reinforcement, basal reinforcement for embankments/over piles*.

Barangan ini sesuai diperjeniskan di bawah kod tarif **3926.90 990** sebagai **other articles of plastic** berdasarkan alasan-alasan berikut :

- i. Analisis pakar mengesahkan barangan terdiri daripada *64% non-woven polyester filament yarns* yang disusun bersama dan disalut (*coated*) dengan *36% polyviny chloride* dipermukaan luar.
- ii. Memandangkan barangan ini merupakan *polyester strips coated with polymer (plastic)*, maka ia terkeluar daripada liputan di bawah *Section XI "TEXTILES AND TEXTILES ARTICLES"* berdasarkan keterangan *Note 1(h) of Section XI* dalam EN mukasurat XI-1 iaitu :

Section XI
TEXTILES AND TEXTILES ARTICLES

Notes.

1.- *This Section does not cover :*
(a) - (g)

(h) Woven, knitted or crocheted fabrics, felt or nonwovens, impregnated, coated, covered or laminated with plastics, or articles thereof, of Chapter 39 ;

- iii. Barangan ini juga tidak sesuai diperjeniskan di bawah bawah Chapter 59 berdasarkan peruntukan *Chapter Note 2(a)(3) to Chapter 59* dalam EN mukasurat XI-59-1 iaitu :

CHAPTER 59
IMPREGNATED, COATED, COVERED OR LAMINATED TEXTILE FABRICS;
TEXTILE ARTICLES OF A KIND SUITABLE FOR INDUSTRIAL USE

Notes.

1.-

2.-Heading 59.03 applies to :

(a) *Textile fabrics, impregnated, coated, covered or laminated with plastics, whatever the weight per square metre and whatever the nature of the plastic material (compact or cellular), other than :*

(1)–(2)

(3) *Products in which the textile fabric is either completely embedded in plastics or entirely coated or covered on both sides with such material, provided that such coating or covering can be seen with the naked eye with no account being taken of any resulting change of colour (Chapter 39);*

iv. Oleh itu, barangan ini lebih sesuai dipenjeniskan di bawah Chapter 39 sebagaimana keterangan dalam EN mukasurat VII-39-12 seperti berikut :

GENERAL

Plastics and textile combinations

Wall or ceiling coverings which comply with Note 9 to this Chapter are classified in heading 39.18. Otherwise, the classification of plastics and textile combinations is essentially governed by Note 1 (h) to Section XI, Note 3 to Chapter 56 and Note 2 to Chapter 59. The following products are also covered by this Chapter :

(a)

(b) *Textile fabrics and nonwovens, either completely embedded in plastics or entirely coated or covered on both sides with such material, provided that such coating or covering can be seen with the naked eye with no account being taken of any resulting change of colour;*

(c)

(d)

v. Barangan ini mendapat liputan di dalam EN mukasurat **VII-3926-1** seperti berikut :

39.26 - OTHER ARTICLES OF PLASTICS AND ARTICLES OF OTHER MATERIALS OF HEADINGS 39.01 TO 39.14.

3926.90- Other

This heading covers articles, not elsewhere specified or included, of plastics (as defined in Note 1 to the Chapter) or of other materials of headings 39.01 to 39.14.

They include :

(1)–(11)

(12) *Various other articles such as fasteners for handbags, corners for -cases, suspension hooks ,*

.....

Dagangan : BIODEGRADABLE BEG

Nama Barangan : Beg Biodegradable
Jenama : Earth Starch

Kod Tarif (Perintah Duti Kastam 2012) :

3923.29 000

Tarikh Kelulusan : 21 November 2014

Keterangan barangan :

Barangan yang dinamakan sebagai *Beg Biodegradable* berupa beg plastik berwarna putih bertanda Maribumi Earth Starch.

Menurut pemohon, komposisi barangan ini terdiri daripada bahan-bahan berikut :

<i>Formula</i>	<i>Percentage</i>
<i>Starch</i>	<i>36.04</i>
<i>polyvinyl alcohol</i>	<i>36.04</i>
<i>Bio- additive</i>	<i>4.475</i>
<i>refined glycerine 99.5%</i>	<i>9.612</i>
<i>monoethylene glycol</i>	<i>4.505</i>
<i>formamide</i>	<i>3.604</i>
<i>Water</i>	<i>5.707</i>

Proses pengilangan bagi barangan ini melibatkan *Starch, PVA, Other materials + water Mixing, Palletizing, Blow Film, Cutting and sealing and Packaging (Box)*.

Barangan digunakan sebagai *shopping* atau *retail bag, laundry bag*, atau boleh juga digunakan sebagai *apron, garbage bag* dan sebagainya.

Barangan ini sesuai diperjeniskan di bawah kod tarif kod tarif **3923.29 000** sebagai **sacks and bags of other plastics** berdasarkan alasan-alasan berikut:

- i. Analisis pakar mengesahkan barangan terdiri daripada kebanyakannya kanji dan *poly(vinyl alcohol)*.
- ii. Asas barangan ini adalah *poly(vinyl alcohol)* (PVA) manakala starch berfungsi sebagai *binding agent* sahaja.
- iii. Memandangkan barangan ini adalah sejenis polymer ia sesuai diperjeniskan sebagai produk plastik di bawah Chapter 39.
- iv. Oleh kerana barangan ini telah dijadikan barang siap dalam bentuk bag, maka ia sesuai diperjeniskan di bawah *heading 39.23* dan mendapat liputan di dalam EN muka surat VII-3923-1 seperti berikut :

39.23 - Articles for the conveyance or packing of goods, of plastics; stoppers, lids, caps and other closures, of plastics.

- *Sacks and bags (including cones):*

3923.21 -- *Of polymers of ethylene*

3923.29 -- Of other plastics

This heading covers all articles of plastics commonly used for the packing or conveyance of all kinds of products. The articles covered include:

- (a) **Containers such as boxes, cases, crates, sacks and bags** (including cones and refuse sacks), casks, cans, carboys, bottles and flasks.

Dagangan : ICE REPLACEMENT PACK

Nama Barangan : Thermafreeze F10

Kod Tarif (Perintah Duti Kastam 2012) :

3926.90 990

Tarikh Kelulusan : 21 November 2014

Keterangan barangan :

Barangan adalah dalam bentuk gel yang dipek di dalam sachet berwarna putih berukuran 18 cm x 18 cm dan berlabel *THERMAFREEZE(R) Ice Replacement*.

Kegunaan / fungsi barangan berdasarkan keterangan pemohon : *as an ice pack, used to store food and drinks, cold for 24-36 hours after cooled in the freezer or any temperature sensitive products.*

Barangan digunakan untuk tujuan pengangkutan di mana dengan penggunaan barangan, ianya dapat mengawal suhu untuk mengangkut produk yang mudah rosak dan sensitif kepada haba atau kepanasan. Ini adalah bagi memastikan produk tahan lama dan segar seperti mana pada hari produk dihantar ke destinasi.

Komposisi barangan adalah :-

- (i) *Nylon bag*
- (ii) *Super absorbent polymer*

Bahan yang digunakan untuk menghasilkan barangan adalah :

- (i) *Plastic film – Nylon/Polyethylene (PE)/Linear Low Density Polyethylene(LLDPE)*
- (ii) *THERMAFREEZE F10 GEL – Acrylic Acid, Polymers, Sodium Salt*

Komposisi bahan berdasarkan MSDS :

- (i) *Super absorbent polymer*

<i>CHEMICAL NATURE</i>	<i>FORMULA</i>	<i>CAS NO.</i>	<i>CONCENTRATION</i>
<i>Acrylic Acid Polymer Sodium Salt</i>	-	9003-04-7	<i>Not less than 85%</i>
<i>Silicon dioxide</i>	SiO ₂	7631-86-9	<i>Not more than 0.5%</i>
<i>Water</i>	H ₂ O	-	<i>Not more than 10%</i>

- (ii) *Nylon Bag*

<i>INGREDIENT NAME</i>	<i>CAS NUMBER</i>	<i>WEIGHT %</i>
<i>Nylon 6</i>	25038-54-4	99-100
<i>Caprolactam</i>	105-60-2	0-1

Analisis pakar mengesahkan sampel berupa gel tidak berwarna di dalam sachet plastik putih berukuran 18 cm x 18 cm berlabel "THERMAFREEZE(R) Ice Replacement".

Setelah dianalisis, serbuk halus ini didapati adalah *sodium polyacrylate*, manakala sachet didapati terdiri daripada nylon.

Berdasarkan surat daripada pemohon, barangan adalah dalam bentuk Gel di mana serbuk akan dicampurkan dengan air dan kemudiannya akan menjadi Gel.

Barangan ini sesuai diperjeniskan di bawah kod tarif **3926.90 990** sebagai **articles of other materials of heading 39.01 to 39.14**.

Berdasarkan fakta, barangan telah disahkan oleh pakar mengandungi *sodium polyacrylate*. Barangan digunakan sebagai *ice replacement* dan ianya dipek di dalam sachet yang terdiri daripada *nylon* di mana *sodium polyacrylate* ini digunakan sebagai *super absorbent polymers* yang berupaya untuk menyerap air dan akan menjadi gel apabila dicampurkan dengan air.

Barangan adalah dalam bentuk gel di mana ianya terhasil apabila *Super absorbent polymer* dalam bentuk serbuk (*powder*) dicampurkan dengan air untuk membentuk gel. Walaubagaimanapun, barangan tidak menepati maksud *primary forms* kerana ianya telah menjadi barang siap dan mempunyai kegunaan yang spesifik. (*specific use*). Berdasarkan Chapter Note 39 EN HS 2012 muka surat VII-39-2 :-

6. *In headings 39.01 to 39.14, the expression primary forms applies only to the following forms :*
- (a) *Liquids and pastes, including dispersions (emulsions and suspensions) and solutions;*
 - (b) *Blocks of irregular shape, lumps, powders (including moulding powders), granules, flakes and similar bulk forms.*

Barangan tidak sesuai diperjeniskan di bawah heading 39.06 sebagai *acrylic polymers in primary forms* kerana barangan telah menjadi barang siap dan telah dipek bersama-sama *nylon bag* yang mempunyai kegunaan spesifik (*specific use*) dan boleh terus digunakan. (*ready for use*)

Barangan mendapat liputan di dalam HS 2012 EN muka surat VII-3926-1 seperti berikut:

39.26 – Other articles of plastics and articles of other materials of headings 39.01 to 39.14.

3926.90 - Other

This heading covers articles, not elsewhere specified or included, of plastics (as defined in Note 1 to the Chapter) or of other materials of headings 39.01 to 39.14.



Dagangan : HANDHELD X-RAY ANALYZER

Kod Tarif (Perintah Duti Kastam 2012) :

Nama Barangan : Handheld X-ray Analyzer

9022.29 000

Model : Bruker S1 Titan 600

Jenama : Bruker

Tarikh Kelulusan : 21 November 2014

Keterangan barangan :

Barangan yang dinamakan sebagai *Handheld X-ray Analyzer* merupakan sejenis peralatan elektrik berupa seperti gambar di bawah :

Mengikut pemohon, barangan ini menggunakan *alpha and beta radiation* untuk menguji sampel dan seterusnya membuat *analysis*.

Antara spesifikasi barangan ini mengikut maklumat yang dikemukakan oleh pemohon adalah seperti berikut:

<i>Module</i>	<i>S1 Titan Model 600</i>
<i>Detector range</i>	<i>Fast SDD Typical Resolution: <145eV</i>
<i>Excitation Source (X-ray tube)</i>	<i>Rh target X-ray tube, 4W. 15-50kV, 5-100µA</i>
<i>Spot size (Collimator options)</i>	<i>5mm</i>
<i>Filter</i>	<i>Five position automatic filter changer</i>
<i>Elemental range</i>	<i>Mg-U</i>
<i>Weight</i>	<i>1.5 kg (3.3 lbs) with battery</i>
<i>Dimensions</i>	<i>25 cm x 28 cm x 9 cm (10 in x 11 in x 3.7 in) (L x W x H)</i>
<i>Testing Modes</i>	<i>Assay, Grade ID, Grade Pass/Fail, Limit testing</i>
<i>Operating Environment</i>	<i>Operating Temp : -10°C to +50°C</i>
<i>Power</i>	<i>Li-Ion battery (7.2V nominal), Battery charger; AC Adapter (9V DC @3A)</i>
<i>Display</i>	<i>8.4cm (3.7 inch) integrated color touchscreen LCD, TFT active matrix, transfective; 640 x 480 pixels; 65,536 colors</i>
<i>Data Storage</i>	<i>8 GB standard, expandable to 64GB Internal memory : 8000 readings with spectra (maximum) USB flashdrive: 80,000 readings with spectra (minimum)</i>
<i>Data Transfer</i>	<i>USB Cable, USB flashdrive</i>

Komponen utama barangan ini terdiri daripada *X-ray tubes, Detector, Filter, Collimator, Ultralene/Kapton Window, MCA Board (Multi-Channel Analyzer) a.k.a Digital Pulse Processor, Touch Screen LCD, I/O Connections (input/output)*.

Mengikuti maklumat daripada pemohon, barangan digunakan untuk membuat elemental analysis ke atas pelbagai barangan seperti Scrap metal sorting, PMI for plant / refinery safety, Precious metals testing, Soil analysis, RoHS / Consumer Safet, Mining dan sebagainya.

Barangan ini sesuai diperjeniskan di bawah kod tarif 9022.29 000 sebagai *apparatus based on the use of alpha and beta radiations* berdasarkan alasan-alasan berikut:

- i. Barangan adalah peralatan elektrik yang digunakan untuk menguji sampel dan membuat analisis ke atas sampel yang diuji.
- ii. Barangan **menggunakan alpha and beta fluorescence radiation** dalam proses pengujian sampel-sampel berkaitan.
- iii. Komponen barangan ini terdiri daripada *X-ray tubes, Detector, Filter, Collimator, Ultralene/Kapton Window, MCA Board (Multi-Channel Analyzer) a.k.a Digital Pulse Processor, Touch Screen LCD, I/O Connections (input/output)*.
- iv. Barangan mendapat liputan dalam EN HS 2012 mukasurat XVIII-9022-1 dan 2 seperti berikut :

90.22 - Apparatus based on the use of X-rays or of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus, X-ray tubes and other X-ray generators, high tension generators, control panels and desks, screens, examination or treatment tables, chairs and the like .

- Apparatus based on the use of alpha, beta or gamma radiations, whether or not for medical, surgical, dental or veterinary uses, including radiography or radiotherapy apparatus :

9022.29 - - For other uses

Gambar :



Dagangan : WATER FILTER JUG	Kod Tarif (Perintah Duti Kastam 2012) :
Nama Barangan : Anti-Oxidant Alkaline Water Filter Jug	8421.21 000
Jenama : S Natur Aqualife	Tarikh Kelulusan : 21 November 2014

Keterangan barangan :

Barangan merupakan *water filter jug* yang dipek dalam set untuk jualan secara runcit.

Barangan adalah terdiri daripada 1 *water filtering jug* yang diperbuat daripada plastik bersaiz 631.4 g dan 2 peket filter.

Komposisi barangan adalah terdiri daripada :-

- (i) *Spout (ABS)*
- (ii) *Lid (ABS)*
- (iii) *Hopper (SAN/PS)*
- (iv) *Non Sliding Rubber (Silikon)*
- (v) *Indicator (ABS)*
- (vi) *Funnel (PS/SAN)*
- (vii) *Handle Pads (ABS)*

Komposisi barangan berdasarkan kepada permohonan (Jadual A) adalah:-

- (i) *Water filter jug is made of 2-Propenenitrile, polymer with ethenylbenzene*
- (ii) *Two packets of ceramic balls*

Kapasiti barangan berdasarkan label :-

- 1.5 liters of filtered water (2.0 liters total capacity)*
- 7 (8 oz) Glasses of filtered water*

Kegunaan barangan adalah untuk menapis (*filtering*) air supaya boleh diminum terus.

Barangan dikatakan sejenis *anti-oxidant alkaline water filter jug*.

Komposisi barangan adalah :-

- (i) *Coarse pre filter*
Partikel *pre filter* menghalang partikel yang dapat dilihat daripada memasuki *filter bed*.
- (ii) *PP pre filter*
Diperbuat daripada *poly propylene* menghalang sebarang partikel kecil atau mendapan daripada memasuki filter media, yang boleh menyumbat atau meliputi filter media.
- (iii) *Activate carbon (or resin) filter bed*
Butir-butir halus *activate carbon* berfungsi seperti magnet, menarik *Chlorine* (rasa dan bau), dan juga sebatian organik seperti *Benzene*.
- (iv) *Biocera Anti-oxidant Alkaline Ceramic Balls*
 - Membuang metabolit berasid dan toksin
 - Hidrogen (H₂) untuk mengeluarkan oksidan yang diaktifkan (*activated oxidant*).
 - Mengubah air kepada air beralkali. (pH)
 - Molekul air yang kecil diserap oleh badan dengan lebih cepat, oleh itu ia melarutkan bahan buangan badan yang berasid (mencegah sembelit)
 - Membekalkan mineral untuk membantu metabolisme

Barangan mengandungi *activate carbon* dan *Biocera Ceramic Balls*.

Barangan ini sesuai diperjeniskan di bawah kod tarif **8421.21 000** sebagai ***Filtering or purifying machinery and apparatus for liquids: for filtering or purifying water.***

Barangan merupakan *water filtering jug* yang mengandungi *filter* yang digunakan untuk menapis (*filtering*) air supaya boleh diminum terus. Ini sesuai sebagaimana keterangan EN HS 2012 muka surat XVI-8421-3 iaitu :

(II) *FILTERING OR PURIFYING MACHINERY AND APPARATUS, FOR LIQUIDS OR GASES*

Much of the filtration or purification plant of this heading is purely static equipment with no moving parts. The heading covers filters and purifiers of all types (physical or mechanical, chemical, magnetic, electro-magnetic, electrostatic, etc. The heading covers not only large industrial plant, but also filters for internal combustion engines and small domestic appliances. The heading does not, however,

In general, filtering machinery and plant of this heading is of two distinct types according to whether it is intended for liquids or gases.

Barangan mempunyai 4 peringkat penapisan iaitu *Coarse pre filter, PP pre filter, Activate carbon (or resin) filter bed* dan *Biocera Anti-oxidant Alkaline Ceramic Balls*. Ini sesuai sebagaimana keterangan EN HS 2012 muka surat XVI-8421-3 iaitu :

(A) *Filtering and purifying machinery, etc., for liquids, including water softeners.*

The liquid filters of this group separate solid, fatty, colloidal, etc., particles from a liquid, for example, by passing it through a sheet, membrane or mass of porous material (e.g., cloth, felt, wire-cloth, skin, stoneware, porcelain, kieselguhr, sintered metallic powders, asbestos, paper pulp, cellulose, charcoal, animal black, sand). In the treatment of drinking water, some of these materials (e.g., porcelain and charcoal) remove bacteria, etc., in the process of filtration; filters using these materials are therefore sometimes called water purifiers. Filters are also used to eliminate liquids from materials in the form of a slurry (e.g., from ceramic materials or ore concentrates). The heading covers liquid filters whether of the gravity, suction (or vacuum) or pressure types. It includes, inter alia :

(1) *Domestic type water filters.....*

Barangan adalah sesuai diperjeniskan mengikut GIR 3(b) seperti yang dijelaskan di dalam EN HS 2012 para (x) di muka surat GIR-5 iaitu :

RULE 3(b)

- (x) *For the purposes of this Rule, the term goods put up in sets for retail sale shall be taken to mean goods which:*
- (a) *consist of at least two different articles which are, prima facie, classifiable in different headings. Therefore, for example, six fondue forks cannot be regarded as a set within the meaning of this Rule;*
 - (b) *consist of products or articles put up together to meet a particular need or carry out a specific activity; and*

- (c) *are put up in a manner suitable for sale directly to users without repacking (e.g., in boxes or cases or on boards).*

Mengikuti muka surat GIR 5 EN HS 2012, penjenisan di bawah Rule 3(b) hendaklah berdasarkan para (VII) dan (VIII) iaitu :-

- (VII) *In all these cases the goods are to be classified as if they consisted of the material or component which gives them their essential character, insofar as this criterion is applicable.*
- (VIII) *The factor which determines essential character will vary as between different kinds of goods. It may, for example, be determined by the nature of the material or component, its bulk, quantity, weight or value, or by the role of a constituent material in relation to the use of the goods.*

Barangan yang mempunyai *essential character* adalah *filter* kerana peranan yang dimainkan oleh elemen penapisan dalam fungsi barang adalah paling utama berbanding jag plastik

Barangan mendapat liputan di dalam HS 2012 EN muka surat XVI-8421-1 seperti berikut:

84.21 – Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus for liquids or gases.

- *Filtering or purifying machinery and apparatus for liquids :*

8421.21 -- *For filtering or purifying water*

This heading covers :

- (I) *Machines which, by the use of centrifugal force, completely or partly separate substances according to their different specific gravities, or which remove the moisture from wet substances.*
- (II) *Filtering or purifying machinery and apparatus for liquids or gases, **other than**, e.g., filter funnels, milk strainers, strainers for filtering paints (generally **Chapter 73**)*



Dagangan : INSOLE

Nama Barangan : Foot Levelers

Kod Tarif (Perintah Duti Kastam 2012) :

9021.90 000

Tarikh Kelulusan : 21 November 2014

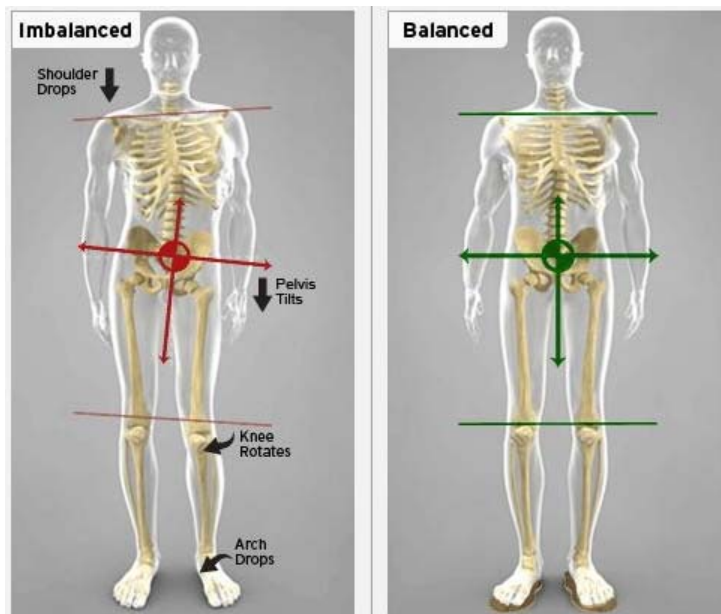
Keterangan barangan :

Barangan yang diikrar sebagai *foot levelers* adalah sejenis pelapik kasut dalaman (*inner soles*) yang dibuat secara *custom made di USA* berwarna biru. Barangan yang akan di pasang di dalam kasut adalah seperti gambarajah di bawah.



Menurut pemohon, barangan adalah diperbuat daripada *leather lining, plastic core, fibre* dan *foam padding*.

Fungsi barangan ialah sebagai *Spinal pelvic stabilizer (SPS)*. *SPS is an orthopedic support prescribed by doctors to patients with foot and pelvic disorder.*



Dari segi kaedah pemakaian menurut risalah pemohon ialah *start by wearing Stabilizing Orthotics 3 hours per day for the first few days, then gradually increase 1 hour per day*. Pemakai mungkin akan berasa ketidakselesaan/sakit/penat pada peringkat awal pemakaian seperti *muscle tightness/ weakness in feet/legs*, walaubagaimanapun ini adalah keadaan biasa.

*It may take 2-3 weeks before you find the fit comfortable. Our products are individually designed to your specifications and require a **45-day break-in period**. After this period, if any discomfort exists bring the Stabilizing Orthotics back to your healthcare provider.*

Kelebihan barangan ialah seperti berikut :

- i. *Improving patients functional and structural stability and biomechanics*
- ii. *Correcting leg length deficiency*
- iii. *To aid rehabilitation from fractures after removal of cast*
- iv. *To correct the shape and/or function of the body, to provide easier movement capability or reduce pain*
- v. *To control movement of joints*

Menurut maklumat pemohon:

The product being imported from Foot Levelers, Inc. are for healthcare purposes and are prescribed by licensed healthcare professional only. Foot Levelers, Inc. manufactures a range of spinal rehabilitation equipment and products including custom made Spinal Pelvic Stabilizers. All products and equipment are prescribed based on a physical examination of patients and are intended for improving a patient's functional and structural postural stability and overall biochemics.

Fakta :

Barangan adalah sejenis pelapik kasut dalaman atau *inner soles* yang dibuat secara *custom made di USA* menggunakan *leather lining, plastic core, fibre dan foam padding*.

Fungsi barangan adalah sebagai *Spinal Pelvic Stabilizer (SPS)*. *SPS is an orthopedic support prescribed by doctors to patients with foot and pelvic disorder.*

Ketetapan:

Barangan ini sesuai diperjeniskan di bawah kod tarif **9021.90 000** Perintah Duti Kastam 2012 sebagai ***Orthopaedic appliances: Other*** berdasarkan alasan-alasan berikut :

- Barangan adalah sejenis pelapik kasut dalaman (*insole*) yang dibuat secara *custom made di USA*.
- Fungsi barangan adalah sebagai *Spinal Pelvic Stabilizer (SPS)*. *SPS is an orthopedic support prescribed by doctors to patients with foot and pelvic disorder.* Dalam erti kata lain, barangan dibuat untuk *preventing or correcting bodily deformities*.
- Proses pembuatan barangan menunjukkan bahawa barangan dibuat secara *custom made* dan memerlukan kepakaran professional di mana proses *scanning, examines dan evaluates the needs for orthotics akan dibuat oleh Healthcare Provider* manakala proses seterusnya dibuat oleh *Foot Levelers Lab Technicians* di Amerika Syarikat.
- Justeru, barangan adalah selaras dengan keperluan EN HS 2012 iaitu *Chapter Notes 6 to Chapter 90* muka surat XVIII-90-1, XVIII-90-2, XVIII-9021-1 dan XVIII-9021-2 seperti berikut;

90.21 Orthopaedic appliances, including crutches, surgical belts and trusses; splints and other fracture appliances; artificial parts of the body; hearing aids and other appliances which are worn or carried, or implanted in the body, to compensate for a defect or disability.

9021.90 - Other

(1) ORTHOPAEDIC APPLIANCES

Orthopaedic appliances are defined in Note 6 to this Chapter. These are appliances for:

- **Preventing or correcting bodily deformities; or**
 - **Supporting or holding parts of the body following an illness, operation or injury.**
- They include :

(1)

.....

(6) Orthopaedic footwear and special insoles designed to correct orthopaedic conditions, provided that they are either (1) made to measure or (2) mass-produced, presented singly and not in pairs and designed to fit either foot equally.

- Barangan tidak dapat diperjeniskan di bawah *Chapter 64* sebagai *footware*. Ini kerana *Note 1 (d) to Chapter 64* menyatakan bahawa *Chapter* ini tidak meliputi *orthopedic footwear or other orthopedic appliances, or parts thereof (heading 9021)*.

Dagangan : STRUT CHANNEL

Nama Barangan : Strut Channel and Combination
Jenama : Lanric

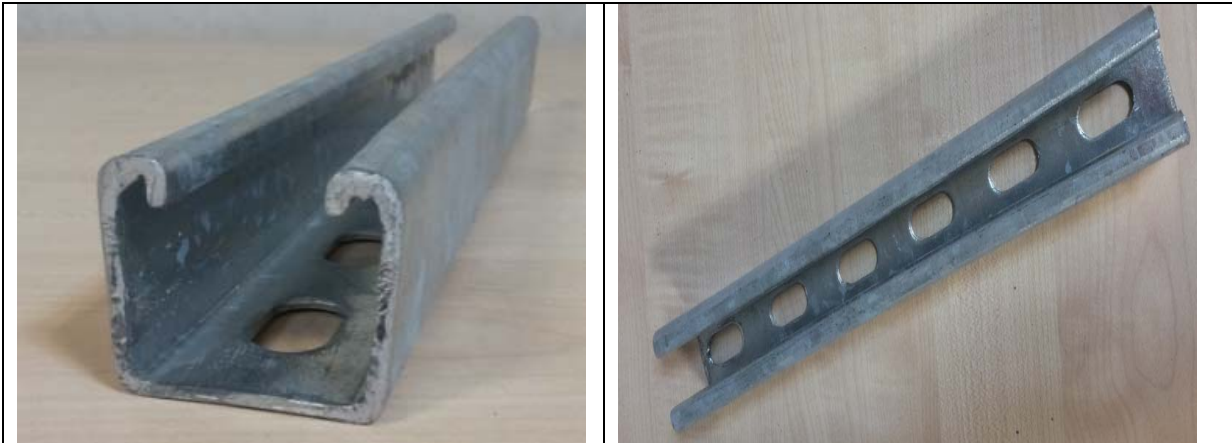
Kod Tarif (Perintah Duti Kastam 2012) :

8302.41 900

Tarikh Kelulusan : 28 November 2014

Keterangan barangan :

Berdasarkan maklumat daripada pemohon, barangan *used in the construction and electrical industries for light structural support often for supporting wiring, plumbing or mechanical components such as air conditioning or ventilation systems.* Barangan seperti photo di bawah:



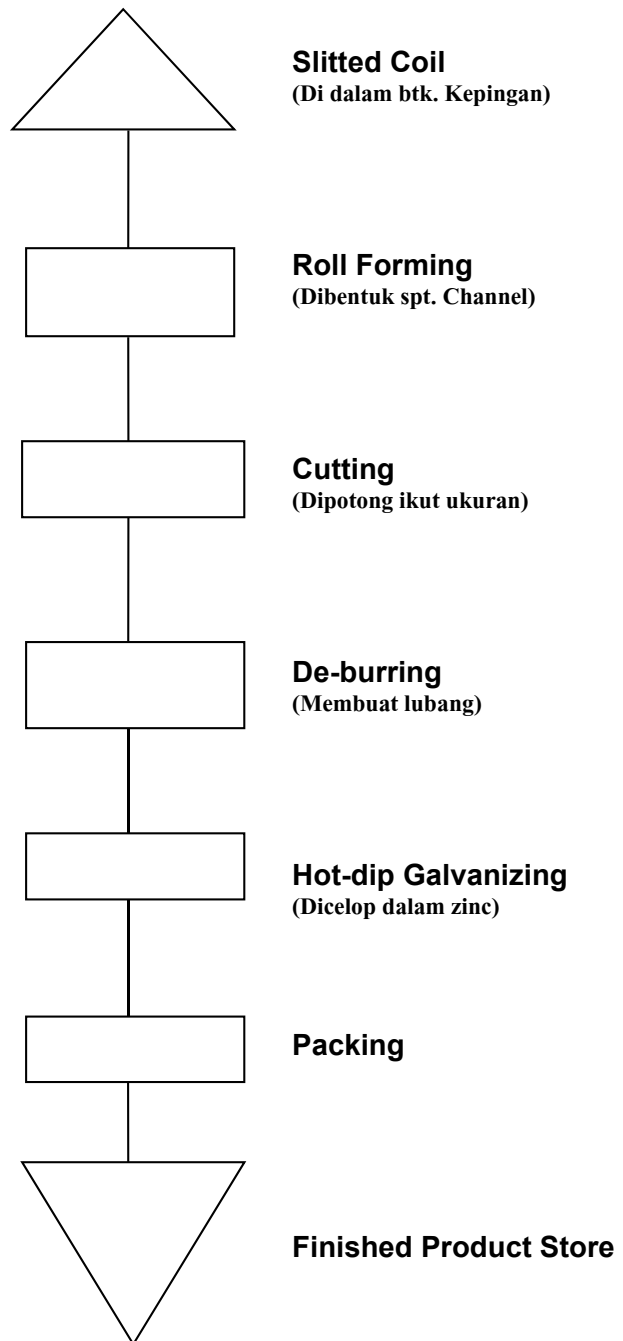
Barangan berukuran 41mm tinggi (H) x 41mm Lebar (W) x 300mm panjang (L) dan tebal 2.5mm.



Berdasarkan *mill certificate* yang disertakan barangan adalah sejenis *hot rolled non-alloy steel*.

Carbon (C)	Silicon (Si)	Manganes (Mn)	Phosphorus (P)	Sulfur (S)
0.045	0.006	0.238	0.0142	0.0074

Dibawah adalah *work flow of strut*.



Berdasarkan *flow proses* diatas *raw material* dalam bentuk *flat rolled* akan dipotong dalam bentuk kepingan. Ia adalah dari jenis Hot Roll Coil (HRC). Kemudian ia dibentuk seperti *channel*. Selepas itu ia akan dipotong mengikut ukuran dan dibuat lubang-lubang pada tempat tertentu. Akhir sekali ia akan dicelop kedalam *zinc* sebelum di *packing* untuk pasaran.

Barangan telah menjadi barangan siap (*finish product*) dengan ukuran tertentu dan kegunaan tertentu.

Berdasarkan maklumat pemohon barangan diperbuat daripada logam besi dan telah disadur dengan zinc.

Barangan used in the construction and electrical industries for light structural support often for supporting wiring, plumbing or mechanical components such as air conditioning or ventilation systems.

Barangan mempunyai bentuk (*shapes*) selain dari *shapes* seperti U, L, T, I atau H.

Ketetapan:

Barangan ini sesuai diperjeniskan di bawah kod tarif **8302.41 900** sebagai ***other mountings, fittings and similar articles suitable for buildings*** berdasarkan alasan-alasan berikut :

- Berdasarkan fakta yang diberikan barangan adalah merupakan barangan siap yang terus boleh diguna. Ia tidak perlu melalui further work lagi. Barangan berukuran 41mm tinggi (H) x 41mm Lebar (W) x 300mm panjang (L) dan tebal 2.5mm.
- Barangan telah mempunyai kegunaannya yang tertentu iaitu *used in the construction and electrical industries for light structural support often for supporting wiring, plumbing or mechanical components such as air conditioning or ventilation systems.* Berdasarkan pernyataan pada wikipedia, strut channel banyak di gunakan di construction and electrical industries.
- Barangan tidak sesuai diperjeniskan dibawah kepala 72.16 kerana berdasarkan pernyataan pada EN 7216 menyatakan sekiranya kegunaan barangan tersebut sudah boleh dijangka atau ditetapkan ia tak sesuai jatuh dibawah heading 72.16. Ia lebih sesuai dibawah kepala 83.02.

.....

*The products of this heading may have been subjected to working such as drilling, punching or twisting or to surface treatment such as coating, plating or cladding - see Part IV (C) of the General Explanatory Note to this Chapter, **provided** they do not thereby assume the character of articles or of products falling in other headings.*

- Barangan mendapat liputan didalam EN. HS 2012 dibawah kepala **83.02** muka surat XV-8302-1 seperti berikut:

83.02 - *Base metal mountings, **fittings** and similar articles suitable for furniture, doors, staircases, windows, blinds, coachwork, saddlery, trunks, chests, caskets or the like; base metal hat-racks, hat-pegs, brackets and similar fixtures; castors with mountings of base metal; automatic door closers of base metal.*

- *Other mountings, fittings and similar articles:*

8302.41 - - Suitable for buildings

This heading covers general purpose classes of base metal accessory fittings and mountings, such as are used largely on furniture, doors, windows, coachwork, etc. Goods within such general classes remain in this heading even if they are designed for particular uses (e.g., door handles or hinges for automobiles).....

.....

<p>Dagangan : SCRAP CATALYTIC CONVERTER Nama Barangan : Scrap Catalytic Converter</p>	<p>Kod Tarif (Perintah Duti Kastam 2012) : 7112.99 000 Tarikh Kelulusan : 28 November 2014</p>
---	--

Keterangan barangan :

Barangan berupa pelbagai jenis *scrap catalytic converter* yang diimport bagi tujuan dikitar semula untuk mendapatkan *Catalyst* di bahagian dalamnya. Bahagian luar *scrap catalytic converter* dikenali sebagai *shell* tersebut diperbuat daripada besi manakala *Catalyst* di dalamnya pula terdiri daripada campuran *ceramic, platinum, palladium, rodium* dan lain-lain elemen.

Barangan diimport bagi tujuan untuk dikitar semula yang mana bahan utama yang terhasil dari proses kitar semula *Catalyst* tersebut adalah *platinum, palladium dan rodium* yang merupakan *precious metal* manakala *iron scrap* pula adalah bahan sampingan.

Barangan ini sesuai diperjeniskan di bawah kod tarif **7112.99 000** sebagai ***other waste and scrap containing precious metal, of a kind used principally for the recovery of precious metal*** berdasarkan alasan-alasan berikut:

- i. Barangan diimport untuk dikitar semula bagi mendapatkan *Catalyst* yang mengandungi *platinum, palladium dan rodium* yang dikategorikan sebagai *precious metal* dan bukannya untuk digunakan semula dalam bentuk asalnya.
- ii. *Catalyst* yang mengandungi *platinum, palladium dan rodium* merupakan *precious metal* yang diliputi di bawah term "*platinum*" bawah kepala 71.10 para A,B dan C EN HS 2012 mukasurat XIV-7110-1 dan 2 sepertimana berikut :

The term "platinum" covers (see Note 4 (B) to Chapter 71) :

(A) Platinum which is a greyish-white, soft and ductile metal, not tarnished at room temperature and resistant to acids except aqua regia. It can be fabricated into bars, sheets, strip, tubes, wire and other semi-manufactured forms by forging, rolling or drawing.

In view of their outstanding resistance to corrosion, high melting point and high catalytic activity, platinum and its alloys have many important applications in industry including their use in jewellery or in dentistry, for example, in the electrical industry for the manufacture of thermocouples and resistance thermometers, and as electrical contacts and electrodes for various applications; in the textile industry for spinnerets for man-made fibres; in the glass industry for molten glass equipment such as bushings for glass fibre production, crucibles, stirrers, etc.; in the chemical and petroleum industries as catalysts (e.g. in the ammonia-oxidation process for the manufacture of nitric acid or as a plating catalyst); as chemical apparatus (e.g., crucibles); in the aircraft industry for electrodes of sparking plugs for spark-ignition internal combustion aero-engines and for ignition devices in gas-turbine aero-engines.

Platinum and its alloys also find a use in the manufacture of surgical instruments (particularly hypodermic needles), in certain lighters and for many other applications such as measuring standards, hair lines for optical instruments, etc.

(B) *Palladium which is a silvery-white metal, soft, very ductile and highly resistant to tarnishing and corrosion. It dissolves in aqua regia and nitric acid and is attacked by hot sulphuric acid. Palladium can be made into bars, sheets, strip, tubes, wire or other semi-manufactured forms by forging, rolling or drawing.*

It is mainly used for electrical contacts, in brazing alloys, in hydrogen purification equipment, as a hydrogenation catalyst, in the manufacture of jewellery and as an intermediate contact layer to facilitate the coating of plastics with precious metals.

(C) *Rhodium which is a silvery-white, hard but ductile metal. It is characterised by its high reflectivity and has the highest electrical and thermal conductivities of all the platinum group metals. It is resistant to corrosion by nearly all aqueous solutions, including mineral acids even at high temperatures.*

Rhodium may be made into bars, sheets, strip, wire and other semi-manufactured forms by forging, rolling or drawing.

Its major use is as an alloying addition to platinum and in this form it has several applications in the electrical and glass-making industries. Its low electrical resistance and high resistance to tarnishing make it suitable, in the electrodeposited form, for electrical contacts and for contact surfaces where wear resistance is of importance (e.g., in slip rings). It is also used as a catalyst and for plating silver or silver-plated cutlery and hollow-ware to give a tarnish resistant finish.

iii. Barangan juga mendapat liputan Notes 4 (A) dan (B) Chapter 71 EN 2012 mukasurat XIV-71-1 dan 2 sepertimana berikut :

Chapter 71

Natural or cultured pearls, precious or semi-precious stones, precious metals, metals clad with precious metal, and articles thereof; imitation jewellery; coin

Notes.

4.- (A) *The expression "precious metal" means silver, gold and platinum.*

(B) *The expression "platinum" means platinum, iridium, osmium, palladium and ruthenium.*

iv. Barangan juga mendapat liputan di bawah kepala 71.12 EN HS 2012 mukasurat XIV-7112-1 sepertimana berikut :

71.12- Waste and scrap of precious metal or of metal clad with precious metal; other waste and scrap containing precious metal or precious metal compounds, of a kind used principally for the recovery of precious metal.

7112.99 -- Other

The heading also covers waste and scrap of any material containing precious metal or precious metal compounds, of a kind used principally for the recovery of precious metal.

<p>Dagangan : MEAL REPLACEMENT WITH ADDED VITAMINS</p> <p>Nama Barangan : Ensure With FOS (Chocolate Flavour)</p> <p>Jenama : Ensure</p>	<p>Kod Tarif (Perintah Duti Kastam 2012) :</p> <p>2106.90 800</p> <p>Tarikh Kelulusan : 28 November 2014</p>
---	--

Keterangan barangan :

Barangan berupa serbuk halus berwarna coklat yang dipek dalam tin dengan berat 400g. Analisis pakar mendapati sampel mengandungi karbohidrat termasuk gula (68.2%), protein (11.4%), lemak (3.3%), kelembapan (4.5) serta campuran vitamin termasuk B1, B2, B3, B6 dan B9. Ianya juga dikatakan mengandungi vitamin tambahan seperti *Choline chloride, ascorbic acid, ascorbyl palmitate, vitamin A palmitate, folic acid, beta carotene, biotin, phyloquinone, vitamin D3* dan lain-lain.

Barangan dikatakan sebagai *specially formulated with a unique blend of high oleic sunflower oil, soy oil and canola oil, provides essential fatty acids (omega 3 and omega 6) and is low in saturated fat and cholesterol for people who desire a controlled fat diet.*

Barangan perlu dicampurkan pada kadar 6 level scoops atau 53.8 g dengan 195 ml cold water (230 ml / one serving size) menjadikannya a drink that provides complete nutrition for use as a meal replacement, or as supplementary food.

Barangan ini sesuai diperjeniskan di bawah kod tarif **2106.90 800** sebagai **food supplements** berdasarkan alasan-alasan berikut :

- i. Barangan mengandungi vitamin tambahan seperti *Choline chloride, ascorbic acid, ascorbyl palmitate, vitamin A palmitate, folic acid, beta carotene, biotin, phyloquinone, vitamin D3* dan lain-lain.
- ii. Berdasarkan kandungan dan kegunaannya sebagai *meal replacement, or supplementary food*, barangan mendapat liputan di bawah kepala 21.06 EN HS 2012 mukasurat IV-2106-1 – 3.

21.06 - Food preparations not elsewhere specified or included.
2106.90 - Other

Provided that they are not covered by any other heading of the Nomenclature, this heading covers:

- (A) *Preparations for use, either directly or after processing (such as cooking, dissolving or boiling in water, milk, etc.), for human consumption.*
- (B) *Preparations consisting wholly or partly of foodstuffs, used in the making of beverages or food preparations for human consumption. The heading includes preparations consisting of mixtures of chemicals (organic acids, calcium salts, etc.) with foodstuffs (flour, sugar, milk powder, etc.), for incorporation in food preparations either as ingredients or to improve some of their characteristics (appearance, keeping qualities, etc.) (see the General Explanatory Note to Chapter 38).*

The heading includes, inter alia :

(1 – 15)

- (16) *Preparations, often referred to as food supplements, based on extracts from plants, fruit concentrates, honey, fructose, etc. and containing added vitamins and sometimes minute quantities of iron compounds. These preparations are often put up in packagings with indications that they maintain general health or well-being. Similar preparations, however, intended for the prevention or treatment of diseases or ailments are excluded (heading 30.03 or 30.04).*

Dagangan : MOLASSES SHISHA

Nama Barangan : Molasses Shisha

Jenama : Al-Fakher

Kod Tarif (Perintah Duti Kastam 2012) :

2403.11 110

Tarikh Kelulusan : 28 November 2014

Keterangan barangan :

Berdasarkan maklumat barangan berupa gumpalan cebisan-cebisan lembab. Barangan merupakan sejenis preparation berwarna merah jambu dan berbau strawberi. Barangan dimasukkan kedalam bungkusan aluminium kedap udara dan dipek dalam bekas plastik yang dimasukkan kedalam kotak.



Mengikut maklumat yang dikemukakan oleh pemohon (kandungan berdasarkan label) kandungan atau *ingredients* barangan adalah seperti berikut:

Items	Peratus kandungan(%)
<i>Tembakau merah</i>	15
<i>Perisa</i>	5
<i>Madu/Manisan</i>	40
<i>Glycerine</i>	40

Barangan dipek didalam balang plastik seberat 1kg dan sedia untuk retail sale.

Kegunaan barangan adalah sebagai flavor untuk menghisap shisha. *It to be put on top of tobacco bowl on hookah for suck the smoke come out from the hose.* Barangan akan dibakar dengan arang batu dibahagian atas hookah / shisha. Apabila disedut oleh pengguna, asap akan turun ke bahagian bawah hookah (*glass base*) yang mengandungi air. Perbuatan ini adalah sesuai sebagai smoking *tobacco*.

Laporan pakar mengesahkan barangan berupa gumpalan cebisan-cebisan lembab yang berwarna merah dan berbau strawberi. Barangan disahkan mengandungi tembakau, *glukosa, fruktosa, ethanol, propylene glycol, benzyl alcohol.*



Ketetapan:

Barangan ini sesuai diperjeniskan di bawah kod tarif **2403.11 110** sebagai **other smoking tobacco packed in airtight container for retail sale** berdasarkan alasan-alasan berikut :

Berdasarkan keterangan diatas, barangan akan dibakar untuk mendapatkan asap yang sesuai sebagai smoking tobacco.

Berdasarkan wikipedia <http://en.wikipedia.org/wiki/Tobacco>. *Tobacco smoking is the practice of burning tobacco and inhaling the smoke (consisting of particle and gaseous phases).....*

Berdasarkan keterangan diatas juga barangan memang telah sedia mengandungi tembakau iaitu sebanyak 15%.

Barangan mendapat liputan didalam EN.HS 2012 muka surat VI-2403-1 seperti berikut:-

24.03 - Other manufactured tobacco and manufactured tobacco substitutes; "homogenised" or "reconstituted" tobacco; tobacco extracts and essences.

- Smoking tobacco, whether or not containing tobacco substitutes in any proportion

2403.11 -- Water pipe tobacco specified in Subheading Note 1 to this Chapter

This heading covers :

(1) Smoking tobacco, whether or not containing tobacco substitutes in any proportion, for example, manufactured tobacco for use in pipes or for making cigarettes.

Dagangan : ROAD SWEEPER

Nama Barangan : Vacuum Sweeper

Jenama : Johnston

Model : C201

Kod Tarif (Perintah Duti Kastam 2012) :

8705.90 000

Tarikh Kelulusan : 28 November 2014

Keterangan barangan :

Barangan merupakan sebuah *self-propelled sweeper* model C201 jenama Johnston yang diimport dalam bentuk *Completely Built-Up (CBU)*. Ianya digerakkan oleh *common rail direct injection turbocharged & intercooled diesel engine* dan dilengkapi dengan *Intelligent Hydrostatic Control*, serta *J-Plex II control system to effectively monitor running costs and productivity*.

Spesifikasi barangan adalah sepertimana berikut.

<i>Engine</i>	VM R754 EU5 05D/9 common rail direct injection turbocharged & intercooled diesel
<i>Size (L x W x H)</i>	4120 mm x 1315 mm x 1965 mm
<i>Maximum speed</i>	50 km/h
<i>Unladen weight</i>	2700 kg
<i>Payload</i>	1300 kg – Dependant on option
<i>GVM</i>	4000 kg
<i>Hopper voided volume</i>	1.8 m ³
<i>Brush diameter</i>	800 mm
<i>Brush speed</i>	Variable up to 125 rpm
<i>Gradeability</i>	30% fully laden
<i>Clean water tank capacity</i>	152 litres
<i>Recirculating water system</i>	250 litres
<i>Sweep rate/output</i>	36,800 m ² (theoretical max)

Barangan ini sesuai diperjeniskan mengikut di bawah kod tarif **8705.90 000** sebagai **other special purpose vehicles, other than those principally designed for the transport of persons or goods** berdasarkan alasan-alasan berikut :

- i. Barangan merupakan sebuah *self-propelled sweeper* yang diimport dalam bentuk *Completely Built-Up (CBU)*. Ianya digerakkan oleh *common rail direct injection turbocharged & intercooled diesel engine* dan dilengkapi dengan *Intelligent Hydrostatic Control*, serta *J-Plex II control system to effectively monitor running costs and productivity*.
- ii. Barangan mempunyai *propelling engine, gear box* dan *steering* serta *braking facilities*.
- iii. Fungsi barangan adalah untuk menjalankan kerja-kerja pembersihan jalanraya dan persekitaran kawasan awam .

iv. Barangan mendapat liputan di dalam EN. HS 2012 muka surat XVII-8705-1 seperti berikut :

87.05 - *Special purpose motor vehicles, other than those principally designed for the transport of persons or goods (for example, breakdown lorries, crane lorries, fire fighting vehicles, concrete-mixer lorries, road sweeper lorries, spraying lorries, mobile workshops, mobile radiological units) (+).*

8705.10 - Crane lorries

8705.20 - Mobile drilling derricks

8705.30 - Fire fighting vehicles

8705.40 - Concrete-mixer lorries

8705.90 - Other

This heading covers a range of motor vehicles, specially constructed or adapted, equipped with various devices that enable them to perform certain non-transport functions, i.e., the primary purpose of a vehicle of this heading IS not the transport of persons or goods.

Dagangan : LOW VOLTAGE SWITCHGEARS
and MOTOR CONTROL CENTRE

Nama Barangan : Low Voltage Switchgears and
Motor Control Centre

Jenama : Eaton

Model : Capitol 40

Kod Tarif (Perintah Duti Kastam 2012) :

8537.10 990

Tarikh Kelulusan : 28 November 2014

Keterangan barangan :

Barangan *Capitol 40 Low Voltage Switchgear and Motor Control Centre* ini merupakan sebuah *electrical cabinet* yang dipasang dengan *combination of electrical disconnect switches, fuses, circuit breakers* dan sebagainya.

Barangan mempunyai spesifikasi seperti berikut:

Technical Details – Capitol 40	
Electrical Data	
Rated operational voltage	690 V
Rated frequency	50 / 60Hz
Main Busbar Data	
Rated insulation voltage	1000 V
Rated impulse withstand voltage	12 kV
Rated current	6300 A
Rated short-time withstand current	100 kA 1 s
Rated peak withstand current	220 kA
Vertical Distribution Busbar Data	
Rated insulation voltage	1000 V
Rated impulse withstand voltage	12 kV
Rated current	1420 A
Rated short-time withstand current	80 kA 1 s
Rated peak withstand current	176 kA
Enclosure Data	
Degree of protection	IP41 (IP54 on request)
Form of separation	Form 4a type 2 and 3, Form 4b types 6 and 7
Entry of cables	Top and/or bottom
Access	Front or rear
Standard colour	RAL 7035
Standard	IEC 60439-1, NEN 60439-1 and BSEN 60439-1
Certification	KEMA-Keur, Lloyd's Register of shipping

Fungsi barangan adalah untuk *control, protect and isolate electrical equipment* serta untuk *de-energize equipment to allow work to be done and to clear faults downstream*.

Barangan ini sesuai diperjeniskan di bawah kod tarif **8537.10 990** sebagai ***cabinets equipped with two or more apparatus of heading 8535 or 8536, for electric control, for a voltage not exceeding 1000V***, berdasarkan alasan-alasan berikut:

- i. Barangan adalah sebuah kabinet yang dipasang dengan *combination of electrical disconnect switches, fuses, circuit breakers* dan sebagainya yang berfungsi untuk *control, protect and isolate electrical equipment* serta *untuk de-energize equipment to allow work to be done and to clear faults downstream*.
- ii. *Rated operational voltage* barangan adalah 690 V .
- iii. Barangan mendapat liputan bawah kepala 85.37 EN HS 2012 mukasurat XVI-8537-1 seperti berikut:

85.37 - Boards, panels, consoles, desks, cabinets and other bases, equipped with two or more apparatus of heading 85.35 or 85.36, for electric control or the distribution of electricity, including those incorporating instruments or apparatus of Chapter 90, and numerical control apparatus, other than switching apparatus of heading 85.17.

8537.10 -For a voltage not exceeding 1,000 V

8537.20 - For a voltage exceeding 1,000 V

These consist of an assembly of apparatus of the kind referred to in the two preceding headings (e.g., switches and fuses) on a board, panel, console, etc., or mounted in a cabinet, desk, etc. They usually also incorporate meters, and sometimes also subsidiary apparatus such as transformers, valves, voltage regulators, rheostats or luminous circuit diagrams.

The goods of this heading vary from small switchboards with only a few switches, fuses, etc. (e.g., for lighting installations) to complex control panels for machine-tools, rolling mills, power stations, radio stations, etc., including assemblies of several of the articles cited in the text of this heading.

The heading also covers :

- (1) *Numerical control panels with built-in automatic data processing machine, which are generally used to control machine-tools.*
- (2) *Programmed switchboards to control apparatus; these permit variations in the choice of operations to be followed. They are normally used in domestic electrical appliances, such as washing machines and dish washers.*
- (3) *"Programmable controllers" which are digital apparatus using a programable memory for the storage of instructions for implementing specific functions such as logic, sequencing, timing, counting and arithmetic, to control, through digital or analog input/output modules, various types of machines.*