

Unofficial Translation

GCC Standardization Organization (GSO)

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[logo: GSO]

GSO 2390/2014

Permissible and Impermissible Tobacco Additives

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Permissible and Impermissible Tobacco Additives

Approved by the GSO Board of Directors on: 15 Rajab 1435 H. (14 May 2014)

Type of Publication: Technical Regulation

Foreword

The GCC Standardization Organization (GSO) is a regional Organization which consists of the National Standard Bodies of GCC member States. One of the GSO main functions is to issue Gulf Standards through specialized technical committees (TCs).

The GSO, through the work program of TC no. TC05/SC2 "GSO Technical Subcommittee for Additives and Food Contaminants' Standards" has prepared this GSO Technical Regulation by the State of Qatar. This draft has been prepared upon reviewing the related Arab, foreign, and international standards and reference literature.

This Technical Regulation has been approved by the GSO Board of Directors in its meeting no. 19, held on 15 Rajab 1435 H. (14 May 2014).

Permissible and Impermissible Tobacco Additives

1. Scope:

This Standard is concerned with the Permissible and Impermissible Tobacco Additives

2. Complementary Standards:

- 2.1. GSO 246: Labeling of Tobacco Products
- 2.2. GSO: 597: Cigarettes
- 2.3. GSO 1415: Moassel Tobacco
- 2.4. GSO 1749: Fruit-Flavored Moassel Tobacco
- 2.5. GSO 2047: Cigars and Tuscan Cigars
- 2.6. GSO 2050: Blended Tobacco for Pipes
- 2.7. GSO 2051: Tobacco and Tobacco Products – Cigarittos

3. Definitions:

Without Prejudice to the definitions stated in the GSO standards referred to in Item 2, the following definitions shall apply:

3.1. Smoking Tobacco Products:

Products manufactured from tobacco to be smoked either directly such as cigarettes, cigars, Tuscan cigars, cigarittos, loose tobacco, and blended tobacco for pipes, or indirectly such as moassel tobacco and fruit-flavored moassel tobacco.

3.2. Smokeless Tobacco Products:

Products manufactured from tobacco to be directly used without smoking. [handwritten text: such as?]

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3.3. Tobacco Additive:

Any substance added to tobacco during its manufacturing and has a specific function in the final product.

3.4. Reconstituted Tobacco:

Sheets manufactured from tobacco by-products, such as tobacco dust, stems, and stalks, which are grinded, may be mixed with binders of natural and synthetic adhesives, and reconstituted by rolling, molding, or extruding.

3.5. Manufacturing Aids for Tobacco Additives:

Materials used in the processing of the raw materials or the product to aid in the manufacturing. They are not significantly found and do not have a specific function in the final product.

3.6. Tea-Like Product:

A material that resembles tea but is not made from tea leaves.

3.7. Sugars Fit for Human Consumption:

Food-grade sugars.

4. Permissible and Impermissible Tobacco Additives:

4.1. Permissible Tobacco Additives:

Without prejudice to what stated in the Gulf Standards mentioned in Items (2.2, 2.5, and 2.7), the use of the substances listed in Appendix I hereto shall be permitted as tobacco additives for the purposes specified therein.

4.2. Impermissible Tobacco Additives:

Any additives listed in Appendix II/1, or obtained from plants or parts of the plants listed in Appendix II/2, shall not be used in the manufacture of tobacco products.

Appendix I
Permissible Tobacco Additives

I/1 Permissible Tobacco Additives

- Food-grade aromas and flavors, except those listed in Appendix II/ 1, or which are obtained from plants or parts of plants listed in Appendix II/2.
- Fruits, dried fruits, fruit pulps, fruit juices, concentrated fruit juices, and fruit syrups
- Spices, Except for the plants or parts of plants mentioned in Appendix II/ 2
- Liquorices extract
- Coffee extract.
- Tea and tea-like products
- Cocoa, and cocoa products
- Honey
- Maple Syrup
- Sugars fit for human consumption, including caramelized sugars
- Menthol [handwritten text in English]
- Dextrins
- Molasses
- Starch
- Modified starch
- Acid-treated starch

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- Starch degraded by oxidation
- Starch Phosphate
- Sodium chloride
- Water
- Essences containing solvents allowed for use in the manufacture of
- cigarettes, cigars, and smoking tobacco:
 - 1, 3-Butylene glycol
 - Cellulose
 - Acacia gum
 - Citric acid
 - Potassium sorbate
 - Sodium benzoate
 - Actic acid
 - Hydroxyethyl methyl cellulose

2. Humectants:

2.1. For Loose Tobacco, Cigars, Cigarettes, and Reconstituted Tobacco:

- Glycerol (E422)
- Hydrogenated Glucose syrup
- 1, 3-Butylene glycol
- 1, 2-Propylene glycol
- Triethylene glycol

- Orthophosphoric acid (E338)
- Glycerophosphoric acid and its sodium, potassium, and magnesium compounds.
- Sorbitol

3. Glues, Adhesives, Thickeners, and Binders:

3.1. For Cigarettes, Cigars and Loose Tobacco including Black Tobacco:

- Gelatin
- Shellac
- Glue
- Cellulose acetate
- Ethyl cellulose
- Methylcellulose (E461)
- Carboxymethyl cellulose (E466), and its sodium , potassium, magnesium, and calcium compounds
- Carboxymethyl starch
- Acacia gum (E414)
- Agar (E406)
- Alginic acid (E400)
- Sodium alginate (E401)
- Potassium alginate (E402)
- Calcium alginate (E404)
- Tragacanth gum (E413)

- Locust bean gum (E410)
- Guar gum (E412)

With glycerol acetate permitted to be added to the above mixtures.

3.2. For Reconstituted Tobacco:

- Glyoxal or melamine resin in a maximum amount of 2 % of the product on a dry-weight basis.
- Formaldehyde in a maximum amount of 2 % of the product on a dry-weight basis.
- Cellulose.
- Guar gum
- Carboxymethyl cellulose (E466)
- Xanthan gum

3.3. For Smoking Tobacco:

- Agar (E406)
- Acacia Gum (E414)

4. Combustion Controllers:

- Aluminum hydroxide
- Aluminum sulfate
- Aluminum oxide
- Magnesium oxide
- Sodium, potassium, calcium, and magnesium compounds of carbonic, formic, acetic, malic, citric, tartaric, lactic, and nitric acids.
- Soda

5. Tobacco Preservatives:

- Sorbic acid (E200), sodium sorbate, potassium sorbate (E202), and calcium sorbate (E203)
- Benzoic acid (E210) and sodium benzoate (E211)
- Ethyl para-hydroxybenzoate (E 214) and propyl para-hydroxybenzoate (E216) and their sodium compounds (E215 and E217),
- -Thiabendazole (E233),

6. Colorants:

6.1. For Reconstituted Tobacco and for Cgars:

- Humic acid and its alkali salts
- Rhamnus cartharticus)
- Haematoxylon campechianum
- Morus tinctoria
- -Carbo medicinalis vegetabilis
- Brilliant Black BN (E151): artificial color
- Cochineal Red, A (E124): artificial color
- Fast Red: artificial color
- Yellow Orange, S (E110): artificial color
- Indigotin (E132): artificial color
- Amaranth (E123): artificial color
- Tartrazine (E102): artificial color

As well as their aluminum, calcium, and magnesium compounds (dyes).

6.2. Thickeners for Cigars and Smoking Tobacco:

- Caramel.

6.3. For Black Rolled Tobacco:

- iron (III) sulphate
- Tannin.
- Calcium chloride
- Calcium hydroxide
- Mono-potassium tartrate
- 1, 3-Butylene glycol
- Soda

Appendix II
Impermissible Tobacco Additives

1. Aromas and Flavors:

- Acidum agaricinicum
- Oleum Betulae empyreumaticum
- Bitter almond oil associated with or containing hydrocyanic acid
- Oleum Sassfras
- Oleum Juniperi empyreumaticum
- Oleum camphorae
- Camphor
- Coumarin
- Safrole
- Thujone

2. Aromas and Flavors Produced From:

- Stipites Dulcamarae
- Lignum Camphorae
- Rhizoma Polypodii, Rhizoma Filicis dulcis
- Herba Pulegii
- Lignum Quassiae
- Cortex Quilaiae
- Herba Tanaceti
- Herba Rutae

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- Lignum Sassafras
- Folia Sassafras
- Cortex Sassafras
- Melilotus Officinalis
- Semen Toncae
- Liatris Odorata
- Asperula Odorata

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Technical Terms

Reconstituted tobacco

Invert sugar

Hydrogenated glucose syrup

Carob extract

Liquorices extract

Coffee extract

Logwood extract

Artificial wrappers

Humectants

References

Main Reference

European Commission - Directorate-General for Health and Consumers 2010

Addictiveness and attractiveness of tobacco products [handwritten text in English] [handwritten text: it clearly states that added fruits and sweets increase the attractiveness of the product, especially among the young age groups]

Other References

Directive of the European Council no. 37/2001 [handwritten text: it has been updated in 2014]

Laws concerning the manufacture and sale of tobacco products

- US Food and Drug Administration

Listing of ingredients in tobacco products 2009 [handwritten text: flavors are prohibited] [handwritten text in English]

- Department of Health - United Kingdom

Permitted additives to tobacco products in the United Kingdom, October 2003

[handwritten text in English]