TURKİSH STANDARDS INSTIUTION

HALAL FOOD CERTIFICATION

New Approaches At Comformity Assessment

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Introduction

World Halal Food Trade

~ 900 billion USD per year
Muslim consumers consciousness are increasing worldwide.

Muslim population   **Muslim Sensitivity**

Halal Food Trade
    Certification will be asked much more in the international market…

WORLD MUSLIM POPULATION
~ 1.5 billion
Müslim Distrubition over World

Continental	Total Population	Muslim Population	% Muslim	% Muslim to Total
Assia	4,000,000,000	1,030,000,000	% 25.75	% 67.67
Africa	1,001,010,923	412,324,632	% 41.19	% 27.06
Europe	728,571,703	44,090,366	% 6.052	% 2.89
America	883,197,750	6,230,503	% 0.705	% 0.41
Ocenia	30,564,520	372,968	% 1.22	% 0.0254
Total	6 601 831 414	1,522,813,123	% 23	% 100

WORLD HALAL FOOD TRADE

❖Demand is not only from Muslim Concumers.

❖ Halal market has very large potential considering non-Muslim consumers.

❖ 80% of world trade in halal are performed by non-Muslim countries

❖These countries, using Halal stamps for their own economic interests, have become using the world's largest exporter.

❖Among the largest suppliers of halal in the west are America, Canada, Brazil, New Zelland, Australia; in the East are Tailand, Malaysia, Phillipines,Indonesia, Singapur,China and India.

# OIC –SMIIC HALAL STANDARD

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OIC

The Organisation of Islamic Cooperation (OIC)

The second largest organization after the United Nations, It has 57 member countries on four continents.

First established in September 25, 1969.

OIC COUNTRIES

Map 2.1 : OIC Member Countries

LEGEND :

1. Kazakhstan
2. Uzbekistan
3. Turkmenistan
4. Iran
5. Pakistan
6. Afghanistan
7. Tajikistan
8. Kyrghyzstan
9. Azerbaijan
10. Turkey

11. Albania
12. Iraq
13. Kuwait
14. Bahrain
15. Qatar
16. Maldives
17. Saudi Arabia
18. Yemen
19. UAE
20. Oman

21. Syria
22. Lebanon
23. Jordan
24. Palestine
25. Egypt
26. Libya
27. Tunisia
28. Algeria
29. Morocco
30. Mauritania

31. Senegal
32. Gambia
33. Guinea-Bissau
34. Guinea
35. Sierra Leone
36. Mali
37. Burkina Faso
38. Cote d'Ivoire
39. Togo
40. Benin

41. Nigeria
42. Niger
43. Cameroon
44. Chad
45. Gabon
46. Sudan
47. Uganda
48. Somalia
49. Djibouti
50. Mozambique

51. Comoros
52. Suriname
53. Guyana
54. Bangladesh
55. Malaysia
56. Brunei Darussalam
57. Indonesia

OIC Member Countries

SMIIC

- *Standards and Metrology Institute for Islamic Countries (SMIIC)*

- Between organizations that are connected to the OIC, the latest is SMIIC and the status was first recognized in 1998.

- It was founded formally, on August 2010 in Ankara.

OIC SMIIC STANDARDS

MS 1500: 2004 Rev.
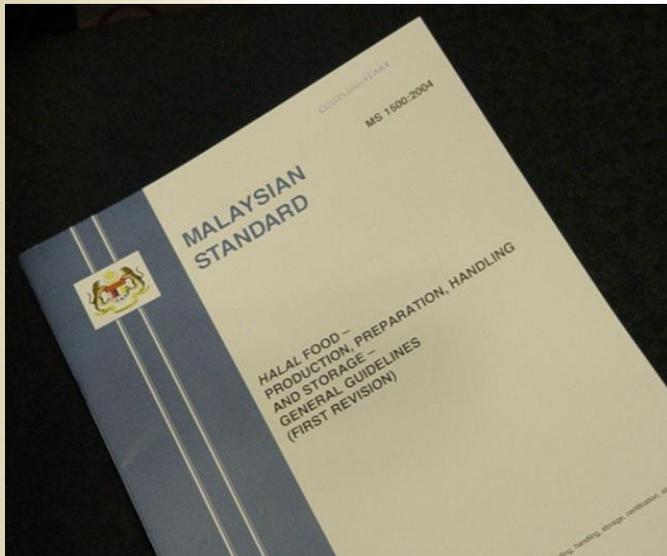
OIC/SMIIC 1: 2011

OIC SMIIC STANDARDS

OIC/SMIIC 2: 2011
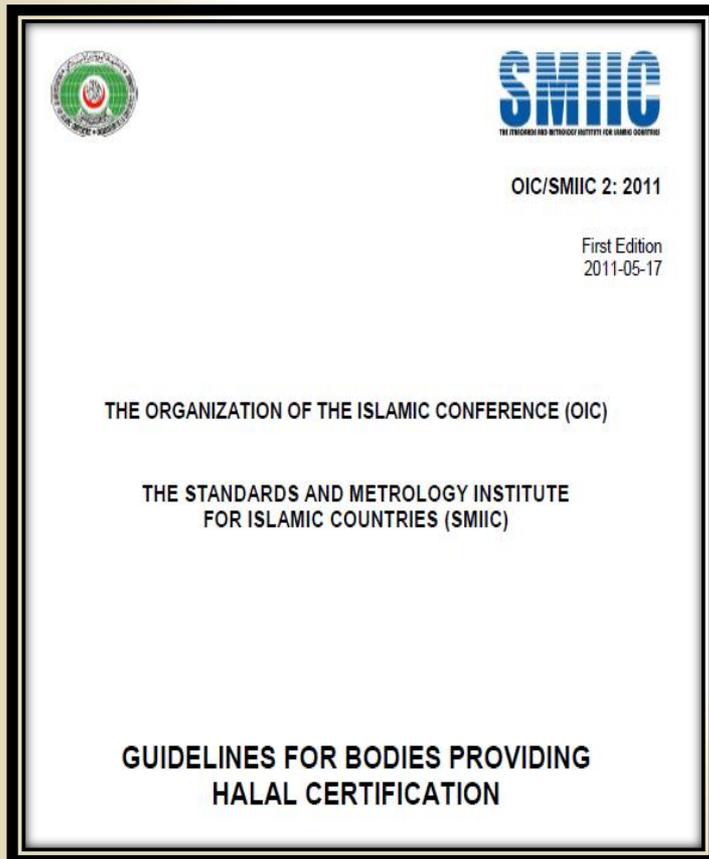
OIC/SMIIC 3: 2011
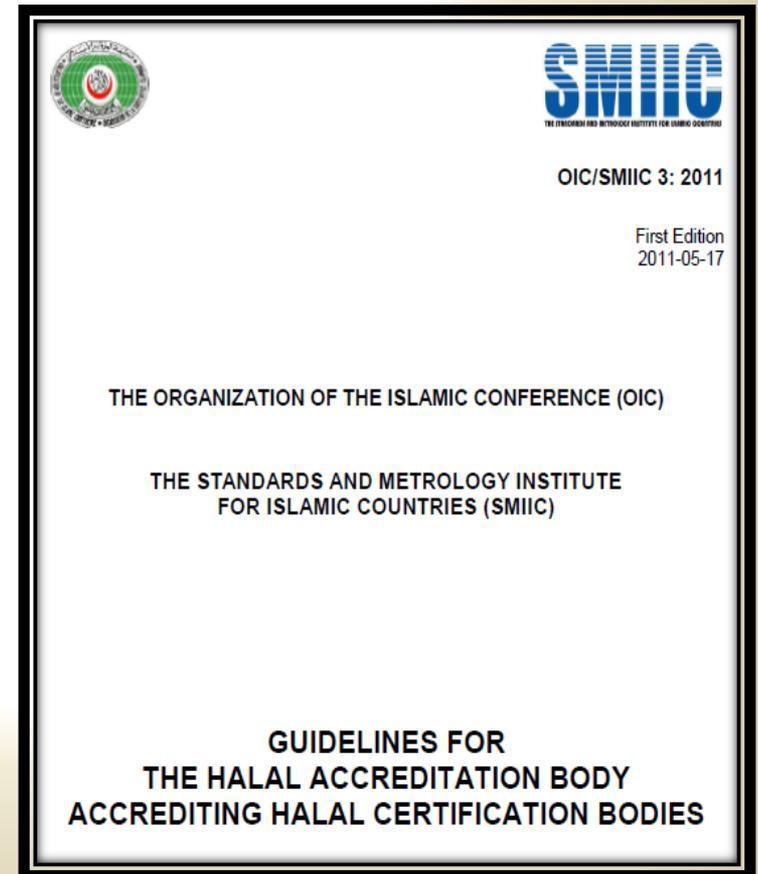
OIC SMIIC STANDARDS

OIC/SMIIC 1: 2011 General Guıdelınes On Halal Food

OIC/SMIIC 2: 2011 Guıdelınes For Bodıes Provıdıng Halal Certıfıcatıon

OIC/SMIIC 3: 2011 Guıdelınes For The Accredıtatıon Body Accredıtıng Halal Certıfıcatıon Bodıes

✓ **OIC – SMIIC Standards accepted by Standardization and Metrology Institute for Islamic Countries (SMIIC) Technical Committee meeting at 17.May.2011 in Camerun.**

TSE HALAL FOOD CERTIFICATION

❖**By the demand of Undersecretariat of Foreign Trade of Turkey.**

❖**By the support of The Presidency of Religious Affairs of Turkey.**

❖**TSE Halal Certification has started in 4 July, 2011.**

TSE HALAL FOOD CERTIFICATION APPLICATION:

Application Form should be filled for any body for certification.

Online Application possible.

All required information is at the following web adress:

www.tse .org.tr
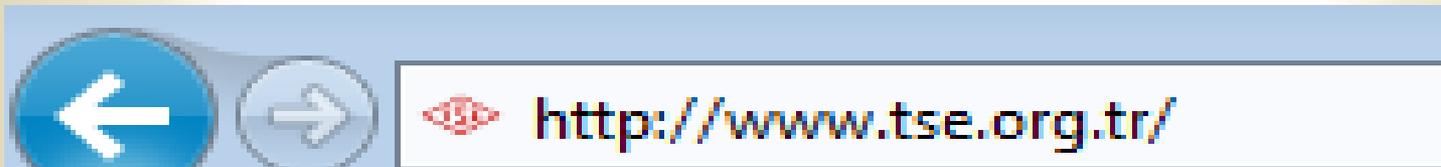
CERTIFICATION APPLICATION:

Examination of Application Documents

❖**After the evaluation of conditions, application may be accepted or may not be accepted.**

PREPARATION AND PLANNING:

❖**If the supplied documents enough and evaluation is positive, for the audit the planning has done.**

❖**The audit team has formed.**

CERTIFICATION AUDIT:

Technical Expert:

The technical personnel ,who is competent to be able to audit in accordance with Halal Food Standard, certified by the certification body.

Audit Team:

The expert groups formed by technical experts who has adequate level of product and production knowledge and experience regarding the production process and certification.

CERTIFICATION AUDIT:

Religious Expert:

Depending on the conditions, Product Certification Authority may determine a religious expert as an audit team member.

CERTIFICATION AUDIT:

❖ **Using checklist all requirements are examined depending on the product.**
❖ **For Healthy food requirements and legal requirements examined.**
❖ **The halal conditions examined by audit team.**
❖ **Audit report prepared.**
❖ **If required food sample has taken to be analized**

CERTIFICATION AUDIT:

OIC/SMIIC 1
GENERAL GUIDELINES ON HALAL FOOD

❖**For the food types, certification checklists are used considering the standard rules , referenced quality standard rules and also legal rules.**

CERTIFICATION AUDIT:

OIC/SMIIC 1

GENERAL GUIDELINES ON HALAL FOOD

✓In the standard, Islamic Rules refer to those commonly accepted rules and beliefs of the Islam, regardless of variations in different countries.

✓Given the fact that non safe foods would not be considered halal, therefore the quality standards including food safety and traceability are prerequisite.

CERTIFICATION AUDIT:

OIC/SMIIC 1

GENERAL GUIDELINES ON HALAL FOOD

Referenced Standards

S- CODEX STAN 1, General standard for the labelling of prepacked foods,

- CAC/RCP 1, Recommended international code of practice general principles of food hygiene,

- CAC/RCP 58, Code of hygienic practice for meat,

- ISO 22000, Food safety management systems - Requirements for any organization in the food chain,

- ISO 22005, Traceability in the feed and food chain - General principles and basic requirements for system design and implementation.

CERTIFICATION AUDIT:

The following products and services are covered by certification.

- ❑ **Meat and meat products**
- ❑ **Milk and dairy products**
- ❑ **Egg and egg products**
- ❑ **Cereal and cereal products**
- ❑ **Vegetable and animal oils and fats**
- ❑ **Fruit and vegetables and their products**
- ❑ **Sugar and confectionery products**
- ❑ **Beverages (soft drinks)**
- ❑ **Honey and its by products**
- ❑ **Dietary supplements**

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CERTIFICATION AUDIT:

The following products and services are covered by certification.

- ❑ Genetically modified food (GMF)
- ❑ Food additives
- ❑ Enzymes
- ❑ Micro organisms
- ❑ Packaging materials
- ❑ Food service and premises
- ❑ Fish and fish products
- ❑ Water
- ❑ Others

CERTIFICATION AUDIT:

- Described Halal foods
- Described Non-Halal foods
- Slaugtering rules and other slaugtering conditions
- Stunning application
- Genetically Modified Foods origin
- Food additives

CERTIFICATION AUDIT:

SLAUGHTERING RULES
Slaughtering Procedure

CERTIFICATION AUDIT:
SLAUGHTERING RULES

CERTIFICATION AUDIT:

Stunning Application:

Guideline parameters for electrical stunning Type of animal

	Current (Ampere)	Duration(Second)
Chicken	0,25-0,50	3,00-5,00
Lamb	0,50-0,90	2,00-3,00
Goat	0,70-1,00	2,00-3,00
Sheep	0,70-1,20	2,00-3,00
Calf	0,50-1,50	3,00
Steer	1,50-2,50	2,00-3,00
Cow	2,00-3,00	2,50-3,50
Bull	2,50-3,50	3,00-4,00
Buffalo	2,50-3,50	3,00-4,00
Ostrich	0,75	10,00

Note: Electrical current and duration shall be validated and determined by the organization, taking into account the type and weight of the animal and other varying factors.

CERTIFICATION AUDIT:
SLAUGHTERING RULES
Stunning in Poultry

CERTIFICATION AUDIT:
SLAUGHTERING RULES

CERTIFICATION AUDIT:

•Genetically modified organisms (GMO) or ingredients or products containing GMOs shall not be made by the use of genetic material which is non-halal.

•Food additives are regarded as food. Food additives which are derived from non-halal ingredients are not halal.

AFTER AUDIT:

❖Audit Report completed.
❖Experiment results are collected.
❖İf some, completion of little deficiencies.

❖When the audit file has completed, it is sent to the certification decission committee.

DECISION COMMITTEE:

❖**Over the file all conditions are discussed and only with full consencus the certification approved.**

❖**if any doupt, the certificiation is not approved until it is clearified.**

DIFFERENCES FROM OTHER CERTIFICATIONS:

❖ **Both qualıty system certıfıcatıon and product certıfıcatıon conditions as well as Service certification conditions checked when required.**

❖ **Full consencus is required in decision.**
❖ **Some Legal status may not be accepted.**
❖ **All ingredients examined in detail independent from legal status.**

DIFFERENCES FROM OTHER CERTIFICATIONS:

❖Not only written rules some other health and religious conditions are examined.

❖If improper condition found there is no tolerance.

❖Frequent and withouth informing periodic control.

❖Religious expert approval is required.

TSE HALAL CERTIFICATION LOGO:

FINALLY :

➢ **Halal issue is important for all Muslim.**

➢ **It is more important especially when Muslims live in the countries together with the other society.**

➢ **Increasing Muslim population and the Halal Certification begun to be raised during import and export.**

FINALLY :

➢ **Halal issue is not only business of theologians.**

➢ **The food scientists, veterinary, doctors, chemists are also should take part in this issue.**

➢ **But everyone must act within its own borders.**

FINALLY :

➢ **Presidency of Religious Affairs experts participation to decision commitee for certification is very important .**

➢ **Foods should be examined in terms of health firstly, then other conditions should be sought.**

➢ **Important to ensure that all matters are clear.**

"And do not say about what your tongues assert of untruth, "This is lawful and this is unlawful," to invent falsehood about Allah . Indeed, those who invent falsehood about Allah will not succeed."
(Nahl, 16/116)

BİR AYETİ KERİME MEALİ

"**Dillerinizin uydurduğu yalana dayanarak «Bu helâldir, şu da haramdır» demeyin, çünkü Allah'a karşı yalan uydurmuş oluyorsunuz. Kuşkusuz Allah'a karşı yalan uyduranlar kurtuluşa eremezler.**" (Nahl, 16/116)

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