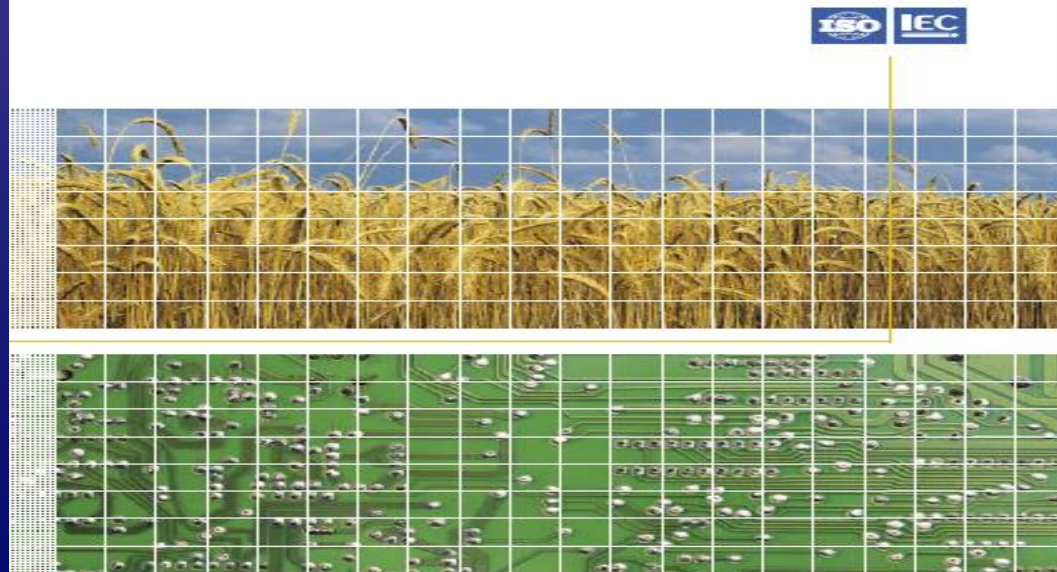


Using and Referencing Standards for GSO Technical Regulations

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Using and referencing
ISO and IEC standards for
technical regulations

September 2007

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Examples of GSO policies on using standards in technical regulations

General considerations

- ❖ Regulatory authorities decide **themselves** .
- ❖ Once decided - appropriate method will need to be **chosen**
- ❖ There are **commonly used methods**

Methods of referencing

- Referencing in legislation
- Referencing in technical regulation.
- Direct references:
 - Direct **dated** references .
 - Direct **undated** references.
- Indirect references:

Referencing in technical regulation

- Used the standard requirements.
- Direct references:
 - Direct **dated** references .
 - Direct **undated** references.
- Indirect references

Used the standard requirements.

Hard eyes/noses/zip pullers and any other small critical parts are not permitted on any plush toy within the range unless supported by a minimum of 30 pieces Test to Failure data showing a Z-value of 4 and above...

If the toy contains any components of glass, metal wood, plastic or any material used as part of the external characteristics, it shall:

- 1. Be fixed in the toy in such a manner that it can not be gripped by human fingernails or teeth**
- 2. Bee fixed in toy by means such that it resists separation and unfastening when using a force 90 N ...**

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Examples of GSO policies on using standards in technical regulations

Direct references

❖ Dated :

Organic chemical compounds according to EN 71-9 : 2005 Safety of toys – Part 9 : Organic chemical compounds – Requirement.

❖ Undated :

Physical and mechanical properties according to ISO 8124-1 Safety of toys – Part 1 : Safety aspects related to mechanical and physical properties.

Undated direct references

- Quotes the number and title but **not** the date
- This method is **more flexible**
- **No update to legal text** if the standard is revised
- Changes to the standard should still be **tracked**
- Could add the phrase "**latest edition of**"

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Examples of GSO policies on using standards in technical regulations

Methods of referencing - Indirect references

- Registering standards on an **official information source**
- A list of standards is decided and published by an official process
- The list is external to the regulatory text
- The list needs to be kept up to date and be available to everyone

Indirect References

Specific advantages of indirect references:

- ❖ - If there is a revision/amendment to the standard...
no change is necessary to the legal text – only to the list.
- ❖ - The lists may include publication dates of standards...
legal certainty of a dated reference is offered .

Indirect References

GSO Technical Regulation on Toys

Presumption of conformity

- ❖ Toys which are in conformity with **Gulf standards** or parts thereof, shall be presumed to be in conformity with the requirements covered by those standards or parts thereof set out in Article 10 and Annex II.

Article (13) – Toys TR - BD131704-01

Indirect References

GSO Technical Regulation on LVD

Presumption of conformity

- ❖ Electrical equipment, which is in conformity with **Gulf Standards** or parts thereof, shall be presumed to be in conformity with the safety and electromagnetic compatibility requirements covered by those Standards or parts thereof, set out in Articles (4), (6), and Annex (1).

The list of the applicable Gulf Standards is available on the Web site of the Organization.

Article 14 – LVD TRs - (BD-142004-01)

Indirect References

GSO Technical Regulation on LVD

❖ Presumption of conformity with International Standards

Where **Gulf Standards** as referred to in Article (14) **have not yet been drawn up or published**, electrical equipment which is in conformity with the International Electrotechnical Commission **(IEC) Standards** or parts thereof, shall be presumed to be in conformity with the safety and electromagnetic compatibility requirements covered by those Standards or parts thereof, set out in Articles (4) and (6) and Annex (1).

Article 15 – LVD TRs - (BD-142004-01)

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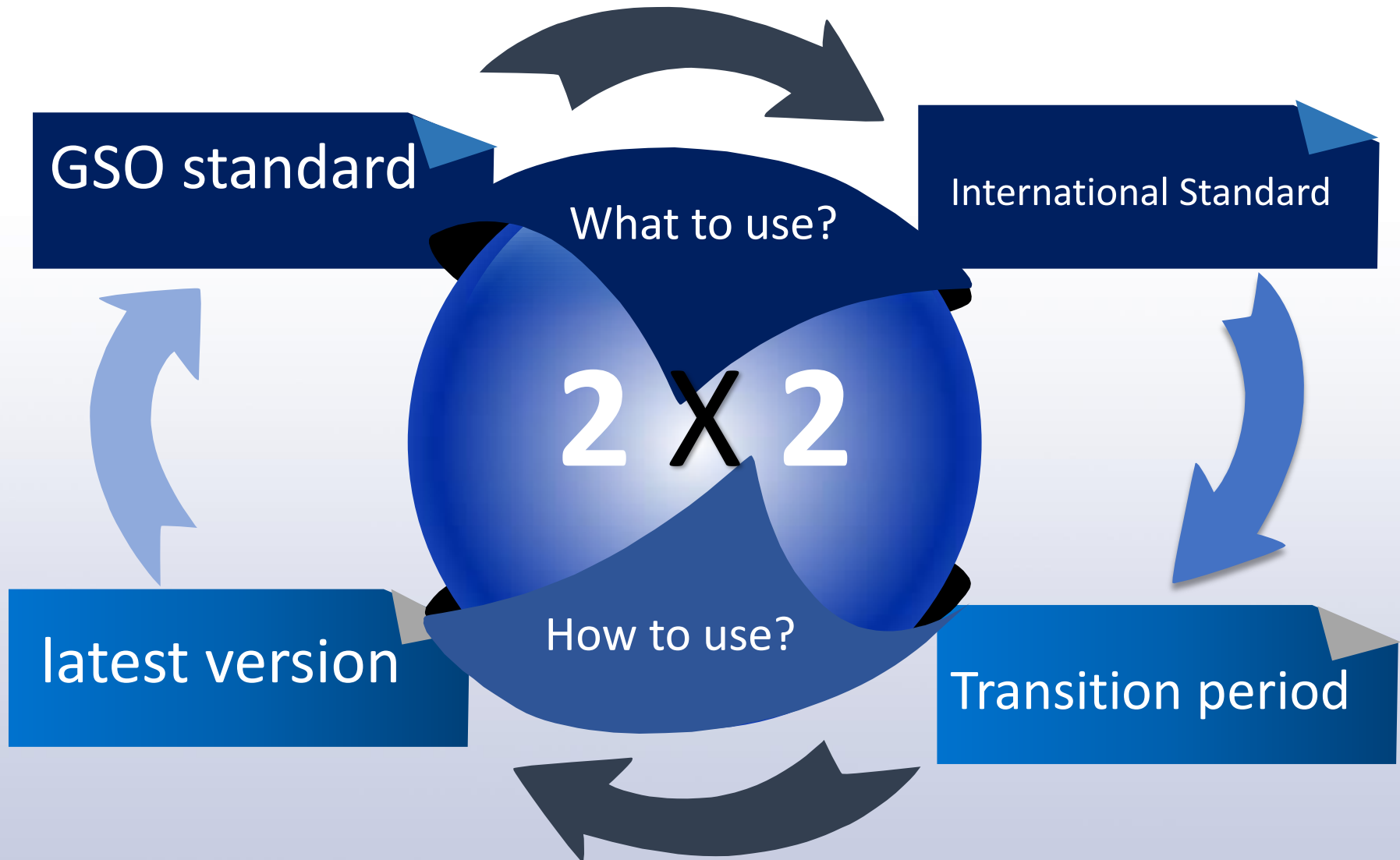
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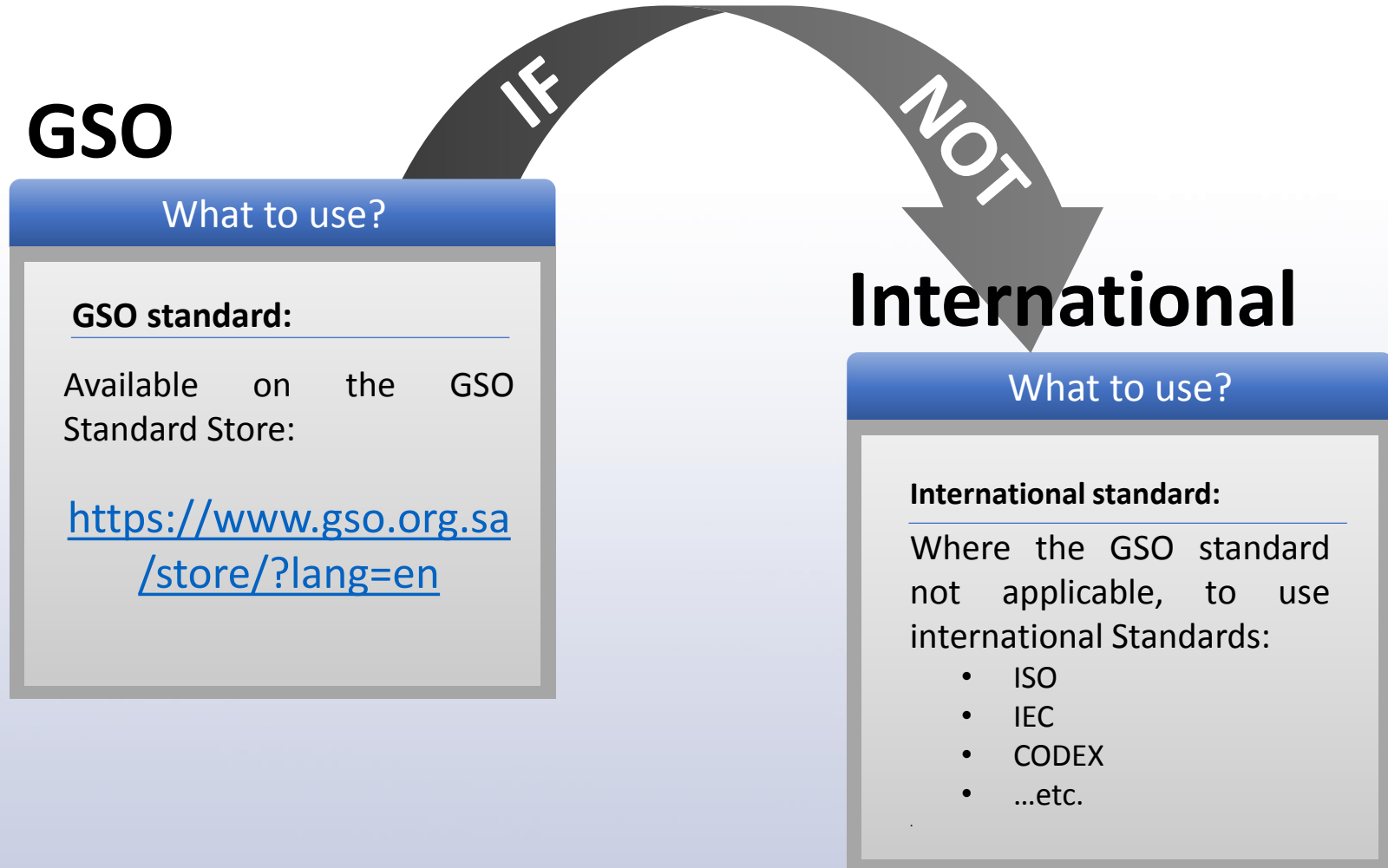
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Standards Store

<https://www.gso.org.sa/store/?lang=en>



Give it a search...

Go!

Search around 21999 GSO Standards and 1500 GSO Technical regulations
Advanced Search

Mechanical Sector



5915

Standard



238

Technical Regulation

Bestsellers

- GSO 159:1993 MOTOR VEHICLES – DIMENSIONS AND WEIGHTS
- GSO 1780:2010 Motor vehicle-vehicle identification number (vin) - requirements
- GSO 42:2015 MOTOR VEHICLES - GENERAL REQUIREMENTS
- GSO 645:2005 MULTI-PURPOSE VEHICLES, TRUCKS, BUSES AND TRAILERS TYRES P/
- GSO 48:1984 MOTOR VEHICLES CONFORMITY CERTIFICATES

Electrical Sector



4714

Standard



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Technical Regulation

Bestsellers

- GSO 34:2007 LEAD-ACID STARTER BATTERIES USED FOR MOTOR VEHICLES AND IF
- GSO 35:2007 Methods of test for lead-acid starter batteries used for motor vehicl
- GSO 2530:2016 Energy Labelling And Minimum Energy Performance Requirements
- GSO 2531:2016 Saftey and Performance Requirements for Air-conditioners and Met
- GSO 1201:2002 Talcum Powder .

Chemical and Textile Sector



4093

Standard



321

Technical Regulation

Bestsellers

- GSO 1943:2016 Safety Requirements of Cosmetics and Personal Care Products
- GSO 2528:2016 Cosmetic products – Technical Regulation of cosmetic and personal
- GSO 1943:2009 Cosmetic products - cosmetic Products safety requirements
- GSO 1152:2010 Skin cream.
- GSO 396:2010 Cosmetic products -Hair shampoo.

Food and Agriculture Sector



1239

Standard



713

Technical Regulation

Bestsellers

- GSO 9:2013 Labeling of prepackaged food stuffs
- GSO 150-2:2013 Expiration dates for food products - Part 2 : Voluntary expiration da
- GSO 2500:2015 Additives Permitted for Use in Food Stuffs
- GSO 2233:2012 Requirements of nutritional labeling
- GSO 2333:2013 Requirements for nutrition and health claim in the food

Example - LVD TRs

Article 14 – LVD TRs - (BD-142004-01)

GSO standard:

“The list of the applicable Gulf Standards is available on the Web site of the Organization.”

CONFORMITY OF ELECTRICAL EQUIPMENT¶

Article (14): Presumption of conformity with Gulf Standards¶

Electrical equipment, which is in conformity with Gulf Standards or parts thereof, shall be presumed to be in conformity with the safety and electromagnetic compatibility requirements covered by those Standards or parts thereof, set out in Articles (4), (6), and Annex (1).¶

The list of the applicable Gulf Standards is available on the Web site of the Organization.¶

Article (15): Presumption of conformity with the relevant standards of the Organization

Case Study - LVD TRs

Article 15 – LVD TRs - (BD-142004-01)

Use International standard:

Where Gulf Standards have not yet been drawn up
or published:

(IEC) Standards or parts

shall be presumed to be in conformity with the
safety

Example - LVD TRs

Annex 1 & 2 – LVD TRs - (BD-142004-01)

- A list of the :
 - GSO standard or
 - IEC Standards

Which Applied in full or in part , required with technical documentation.

- To ensure the implementation of CAPs done referring to the presumption of conformity.

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Examples of GSO policies on using standards in technical regulations

GSO Rule to Use Standard in Technical Regulation - How to use?.

How to use?

Latest Version

Latest Version

Use the latest version of the international standards:
(ISO – IEC – Codex -etc).

Transition period

Two years the transition period

The previous adopted edition remains effective for 2 years starting from the date of last international update.
[TC, 40 \(Riyadh -2016 – 12\)](#)

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Examples of GSO policies on using standards in technical regulations

Example – Harmonized Standard for LVD TR

GSO CISPR standards are the adoption by endorsement of the latest corresponding IEC standards (Appendix 3)		
<i>Harmonized Standard</i>	<i>Valid endorsed IEC standard editions</i>	<i>Date of cessation of presumption of conformity</i>
GSO IEC 60335-1: 2016 Household and Similar Electrical Appliances - Safety - Part 1: General Requirements	IEC 60335-1:2010 + A1:2013 + A2:2016 (Ed. 5.2)	No date (1)
	IEC 60335-1:2010+A1:2013 (Ed. 5.1)	10-May-18
GSO IEC 60335-2-3:2015 Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons	IEC 60335-2-3:2012+A1:2015 (Ed. 6.1)	No date (1)
IEC 60335-2-4:2008+A1:2012 (Ed. 6.1) Household and similar electrical appliances - Safety - Part 2-4: Particular requirements for spin extractors	N/A	No date (1)
IEC 60335-2-6:2014 (Ed. 6.0) Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances	N/A	No date (1)
GSO IEC 60335-2-7:2012 Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines	IEC 60335-2-7:2008+A1:2011+A2:2016 (Ed. 7.2)	No date (1)
	IEC 60335-2-7:2008+A1:2011 (Ed. 7.1)	13-Apr-18
GSO IEC 60335-2-9:2008 Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances	IEC 60335-2-9:2008+A1:2012+A2:2016 (Ed. 6.2)	No date (1)
	IEC 60335-2-9:2008+A1:2012 (Ed. 6.1)	12-Apr-18

Example – Harmonized Standard for LVD TR

What to use?

Harmonized Standard	GSO Standard
GSO IEC 60335-1: 2016	
Household and Similar Electrical Appliances - Safety - Part 1: General Requirements	



How to use?

Latest version (IEC standard) :
10 May 2016

Valid endorsed IEC standard editions
IEC 60335-1:2010 + A1:2013 + A2:2016 (Ed. 5.2)



Will be used for CAPs in:
10 -5 -2018 (2 years)

Date of cessation of presumption of conformity
No date (1)
10-May-18

Summary

What to use?

International standard:

Where the GSO standard not applicable, to use international Standards:
(ISO – IEC – CODEX-etc).

GSO standard:

Available on the GSO Standard Store:
<https://www.gso.org.sa/store/?lang=en>

GSO Rule to Use Standard in
Technical Regulation

How to use?

Latest Version

Use the latest version of the international standards:
(ISO – IEC – Codex -etc).

Two years the transition period

The previous adopted edition remains effective for 2 years starting from the date of last international update.

Questions?

Thank you for your time and attention



THANK YOU

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Notification Section

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