ENQUIRY DRAFT

Specification for Accident prevention tags



Guyana National Bureau of Standards

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Contents

	Page
Foreword	iii
Members of the Technical Committee – Personal Safety	iv
1. Scope	1
2. Definitions	
3. General requirements	1
4. Detailed requirements	
5. Colour coding	2
6. Training	3
7. Tag specification	3
Appendix 1. Danger tags	5
Appendix 2. Caution tags	6
Appendix 3. Warning tags	7
Appendix 4. Biohazard tags	9
Appendix 5. Radiation tags	10
Appendix 6. Emergency Tags	11
Appendix 7: Notice Tags	

Foreword

This Guyana Standard is the first revision of **GYS 208: 2002, "Specification for Accident prevention tags".** This Standard was revised by the Guyana National Bureau of Standards through the **Technical Committee – Personal safety** and approved by the National Standards Council.

The first revision of this standard includes updated guidelines for the appropriate use of accident prevention tags including appropriate use of stock material, reinforcement means, and dimensions.

This Guyana standard is intended to establish specifications for tags used in industry, mercantile establishments, mercantile marine ships, port crafts and marine equipment or wherever tags can be utilised to help prevent accidental injury to personnel or damage to property, or both. Accident prevention tags are intended for use as a temporary means of warning of an existing hazard. It should not be in place of, or as substitute for, accident prevention signs.

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Guyana National Bureau of Standards

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Specification for Accident prevention tags

1 Scope

This standard specifies the requirements for accident prevention tags.

2 Definitions

For the purpose of this standard, the following shall apply:

2.1 biological hazard or biohazard

Infectious agents presenting a risk of injury, illness or death to persons exposed. .

2.2 major message

The portion of a tag's inscription that is more specific than the signal word and indicates the specific hazardous conditions or the instruction to be communicated to persons.

2.3 pictograph

pictorial representations used to identify a hazardous condition(s) or to convey safety instruction(s).

2.4 signal word

The portion of a tag's inscription that contains the word(s)which are intended to capture the person's immediate attention.

2.5 **sign**

A board or placard displayed with the intention to advertise, inform or warn.

2.6 tag

An item usually made of paper, cardboard, pasteboard, plastic or other material used to identify a hazardous condition and/or convey safety instruction(s).

3 General requirements

- **3.1** Accident prevention tags shall be used on a temporary basis to convey information with the aim of preventing accidental injury or illness to persons who are exposed to hazardous or potentially hazardous conditions, equipment or operations which are, unexpected, not readily apparent, or defective.
- **3.2** Accident prevention tags shall not be used as a substitute for "accident prevention signs". Tags shall be used until the identified hazard is eliminated or the hazardous operation is completed.
- **3.3** The designs of accident prevention tags shall be the same as "accident prevention signs". Tags shall not be used where signs guarding or other positive means of protection are being used.

4 Detailed requirements

4.1 Tags shall contain a signal word and a major message.

NOTE 1 A pictograph may be incorporated when required, in addition to the signal word and major message.

4.2 The signal word shall be either "danger", "caution", "warning", "notice" "emergency" or "biohazard".

EDxxx:202x

- **4.3** The major message shall indicate the specific hazardous condition or the instruction to be communicated.
- **4.4** The signal word shall be readable at a minimum distance of 1.5 metre (152.4cm). or greater distance as warranted by the hazard.
- **4.5** The tag's major message shall be presented in either pictograph, written text or both.
- **4.6** Tags shall be affixed as safely and practicable to their respective hazard by a positive means, such as strings, wire or adhesive that prevents their loss or unintentional removal.
- **4.7** The signal word and major message for the identified hazard shall be understandable to all persons.
- **4.8** Danger tags shall be used in hazardous situations where an immediate hazard presents a threat of serious injury or death.
- **4.9** Caution tags shall be used in hazardous situations where a non-immediate or potentially hazard or unsafe practice presents a lesser threat of injury.
- **4.10** Warning tags shall be used to alert person(s) of potential hazard(s) that could cause harm but are not necessarily life-threatening. Warning tags denote a hazard level between 'danger' and 'caution'.
- **4.11** Biological hazard tags (biohazard) shall be used to identify the actual or potential presence of a biological hazard and to identify equipment, containers, rooms, or experimental specimens that contain or are contaminated with hazardous biological agents.
- **4.12** Notice tags shall be used to convey safety related information.
- **4.13** Emergency tags shall be used to convey directional instructions to a safe zone.
- **4.14** Other tags shall be used in addition to those mentioned provided that they do not detrack from the impact or visibility of the signal word and major message of any required tags.
- **4.15** The replacement of tags shall only be considered, after the necessary controls have been implemented to reduce the risk to a reasonably practical level.
- **4.16** Tags may contain the name of person responsible and date of attachment.

5 Colour coding

5.1 "Danger" or "prohibition" tag

Red or predominantly red oval inset with contrasting white lettering or symbols set in a black background. (**See Appendix 1**).

5.2 "Caution" tag

Yellow or predominantly yellow with lettering or symbols in a contrasting colour, preferably black. This colour is usually recommended, because of its high visibility for marking hazards. Such hazards will

2

EDxxx:202x

cause slips and striking against etc. These tag may contain black stripes on the margin. **(See Appendix 2)**

5.3 "Warning" tag

orange or predominantly orange with lettering or symbols in a contrasting colour, preferably black, shall be used. These tags may contain black stripes on the margin. (See Appendix 3).

5.4 Biological hazard (Biohazard)

Fluorescent orange or orange-red (crimson) with lettering or symbols in a contrasting colour preferably black. (See Appendix 4).

5.5 Radiation tag

Predominantly yellow background set in a reddish-purple (magenta) lettering or symbol. (See Appendix 5).

5.6 Emergency tags

Predominantly green background with lettering in a contrasting colour, preferably white. These tags may contain white stripes. (See Appendix 6)

5.7 Notice tags

Predominantly white background with lettering in a contrasting colour, preferably white, shall be used. These tag may contain white stripes on the margin. (See Appendix 7)

6 Training

Employees must be trained to recognize and understand the information conveyed on accident prevention tags. Training shall include but not be limited to:

- **6.1** The purpose of colour codes,
- **6.2** The purpose of accident prevention tags,
- **6.3** The types of accident prevention tags,
- **6.4** The use of accident prevention tags,
- **6.5** The meaning of messages on accident prevention tags,
- **6.6** The special precautions made necessary by messages on accident prevention tags, and
- **6.7** Special precautions to be taken.

7 Tag specification

7.1 Size

- **7.1.1** Tags shall not be too large, so as to lose the meaning as a tag instead of a sign.
- **7.1.2** Tags shall not be smaller than 12.5cm x 10cm and shall not exceed the acceptable minimum dimension of an accident prevention sign as per manufacturer's specifications.
- **7.1.3** Lettering shall be 1.5 cm in length, 1 cm in width and 0.5 cm thickness.

7.2 Stock (tag material)

- **7.2.1** Tags shall be made of paper, paste board, plastic or any other suitable material that can properly convey the message intended.
- **7.2.2** The material of choice shall be sensible depending on the period of time the tag is expected to be in position, the frequency of use, the environmental conditions and the seriousness of the message to be conveyed.

7.3 Tag reinforcement

Wherever considered necessary, the tags may be reinforced:

- **7.3.1** The diameter of the hole may vary, but it shall be kept to a minimum of 5mm. As an additional reinforcement, metal eyelets, normally 5mm, may be inserted into the hole.
- **7.3.2** When subjected to abnormal humidity conditions, the tags shall be attached to the reinforcing substrate with waterproof adhesive

7.4 Tag attachment

Tags shall be attached using twine (minimum No. 9) or wire (not less than 0.6 mm diameter) or any other material deemed suitable depending on the period of time the tag is expected to be in position, the frequency of use, the environmental conditions and the seriousness of the message to be conveyed.

Appendix 1 Danger tags

(Normative)



DO NOT OPERATE

NAME: ______

DATE: _____



MAINTENANCE ON THIS EQUIPMENT IS IN PROGRESS

DO NOT START

NAME: ______

DATE: _____



FALLING MATERIALS

NAME: ______

DATE: _ _____



HIGH VOLTAGE

TURN POWER OFF BEFORE SERVICING

NAME: _____



POISONOUS GAS

NAME: ______
DATE: _____

	_	_	
(AN	GE	R

EQUIPMENT LOCKED OUT BY

NAME: ______
DATE: _____

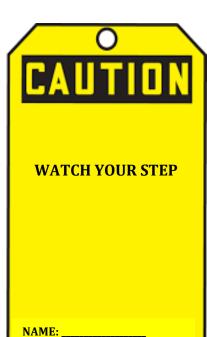
Appendix 2 Caution tags

((Normative)

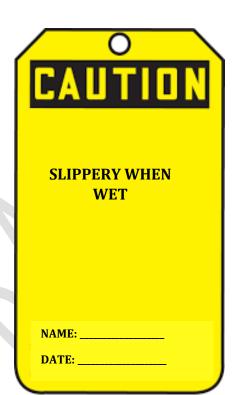


NAME: _____

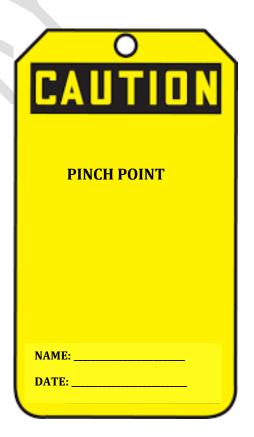
DATE: _____



DATE: _____







Appendix 3 Warning tags

(Normative)

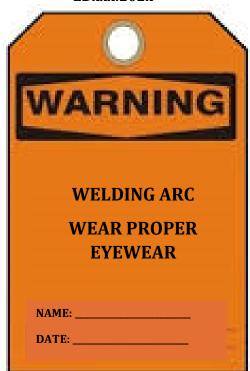
















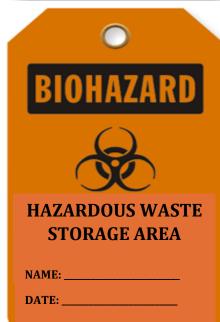
Appendix 4 Biohazard tags

((Normative)











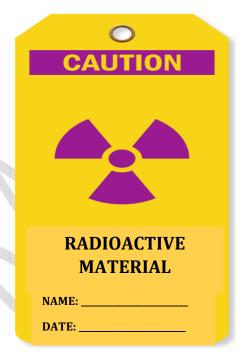


Appendix 5 Radiation tags

((Normative)



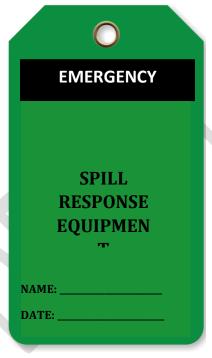




Appendix 6 Emergency tags ((Normative)







Appendix 7 Notice tags

((Normative)



AVOID CONTAMINATION WASH HANDS

NAME: _____



USE HANDRAIL

NAME: ______
DATE: _____



NO EXIT

NAME: ______

DATE: ____



HAS BEEN INSTALLED

NAME: _____

DATE: _____



OUT OF ORDER

NAME: ______



DUE FOR SERVICE

NAME: ______

DATE: _____

END OF DOCUMENT