



TRINIDAD AND TOBAGO BUREAU OF STANDARDS

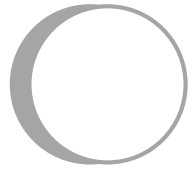
An Overview of the Draft Regional Standard
DCRS 39:202X, Pesticides - Labelling

*Fostering Excellence,
Improving Lives*

The Regional Technical Subcommittee



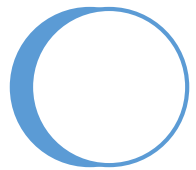
Mr Hasmath Ali – Chairman
Pesticides and Toxic Chemicals Control
Inspectorate, Trinidad and Tobago



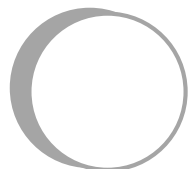
Mr. Suresh Amichand – Vice-Chairman
Pesticides and Toxic Chemicals Control
Board, Guyana



Antigua and Barbuda –
Pesticides & Toxic Chemicals
Inspectorate



Barbados – Pesticides Control Unit



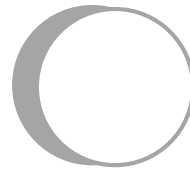
Dominica – Pesticides Control Board,
Technical Expert, Pinpoint Inc.



Guyana National Bureau of Standards



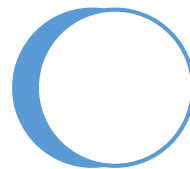
Jamaica – Technical Expert,
Pesticides Control Authority &
Jamaica Agro Chemicals Association



Saint Lucia Bureau of Standards
Saint Lucia – Caribbean Public Health Agency
(CARPHA)



Suriname – Pesticides Unit, Ministry of
Agriculture, Livestock and Fisheries



Trinidad and Tobago – Ministry of Agriculture,
Land and Fisheries, The University of the West
Indies, Caribbean Chemicals and Agencies Ltd

Standard Justification



Proposer

Coordination Group of Pesticide Boards of the Caribbean Region (CGPC)

Legislation

Lack of legislation on or wide variation in pesticides labelling

Benchmarks

Legislation not au courant with international best practices

Trade Efficiency

Negative impact on trade

Purpose of the Standard



Health and Safety and Trade

The standard is meant to address the issues related to:

- Health, safety and the environment in the transportation, storage, handling, use and of pesticides

Trade

- Harmonized product labelling to enhance inter-regional market access for pesticides
- Tool to ensure that only registered and approved pesticides are sold, distributed and used in the region

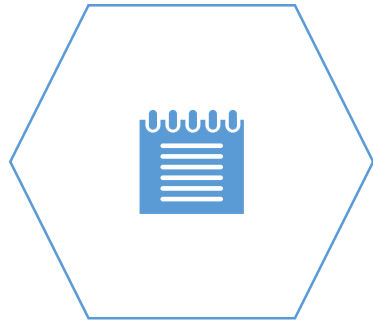
Meets Intended Purpose

- Provision of label information which is appropriate, clear, complete, direct and aligned to international best practice to all potential and actual users of pesticides.

Purpose of Pesticides Labelling

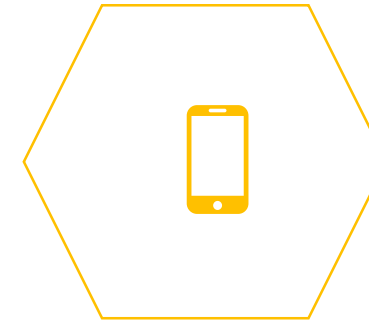
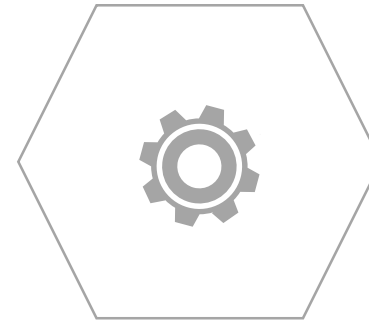
Content & Instructions

The label is a primary source for information explaining the identity of and directions for use of a pesticide



Warnings

The label states the purpose and conditions of use
Informs the user of the hazards and risks associated with the use of the pesticide



Decision-making

The label is meant to assist the handler or user in assessing the actual risk of handling and applying the product under specific local conditions

Redress

Labels provide a link for contact between the manufacturer or supplier and the user of the product.

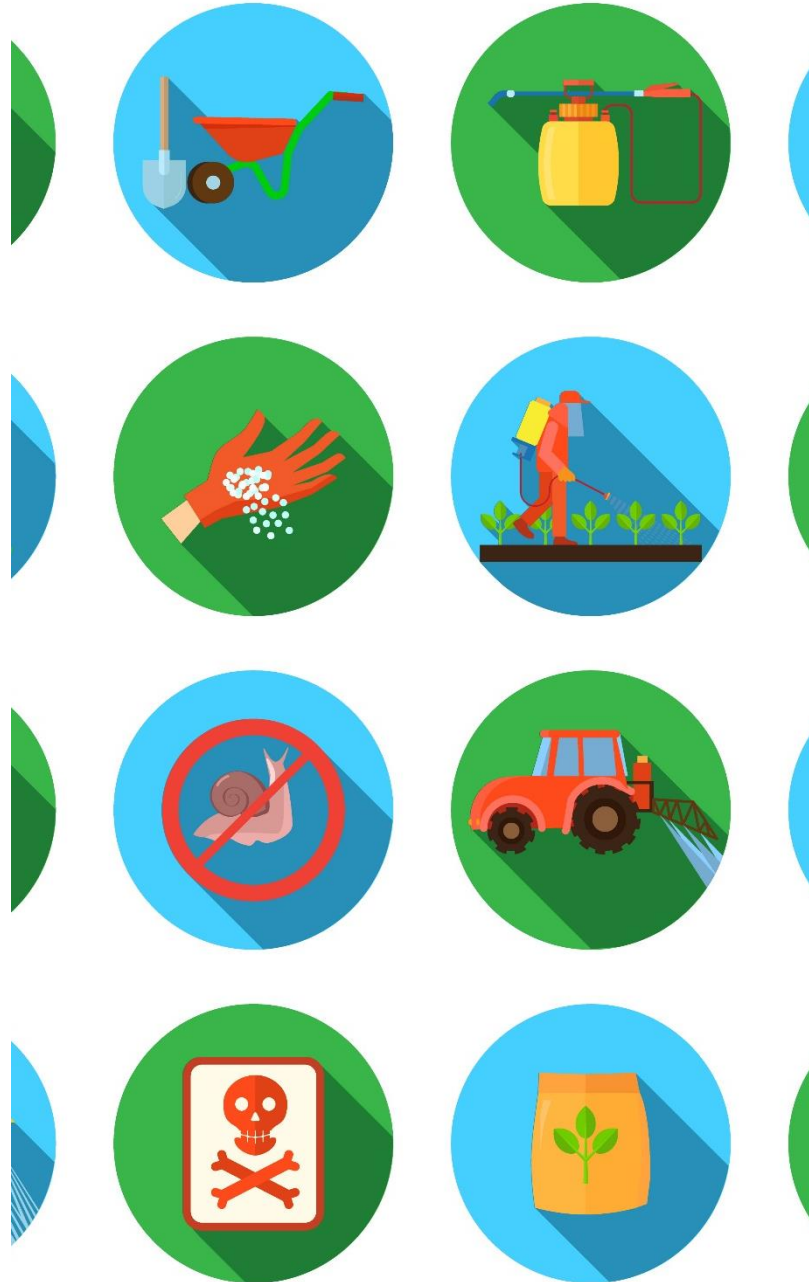
International Best Practice

Reference Documents

- Andean Community. “Manual Técnico Andino para el Registro y Control de Plaguicidas Químicos de Uso Agrícola” (Technical Andean Handbook for the Registration and Control of Chemical Pesticides for Agricultural Use). 2002. Andean Community Resolution, No. 360. Lima: Peru;
 - Canada Pest Control Products Regulations, SOR/2006-124;
 - European Union. Regulation (EC) no 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures;
 - Food and Agriculture Organization. 2015. Guidelines on Good Labelling Practice for Pesticides. FAO: Rome;
 - Label Review Manual. 2014. United States Environmental Protection Agency. Washington: USA, Revised 2018; and
 - United Nations. 2019. Globally Harmonized System of Classification and Labelling of Chemicals (GHS). 8th revision. UN: Geneva.
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Scope

This standard specifies the information to be included on labels of all pesticides, including aerosol insecticides, in any form that is destined to be applied by end-users.



This standard does not apply to pesticides:

- a) which are used as human pharmaceuticals; or
- b) utilized in an industrial setting, that is, active ingredients, bulk pesticide formulations destined for reformulation, repackaging or disposal or other pesticide formulation components.

Technical Clauses

Label Format

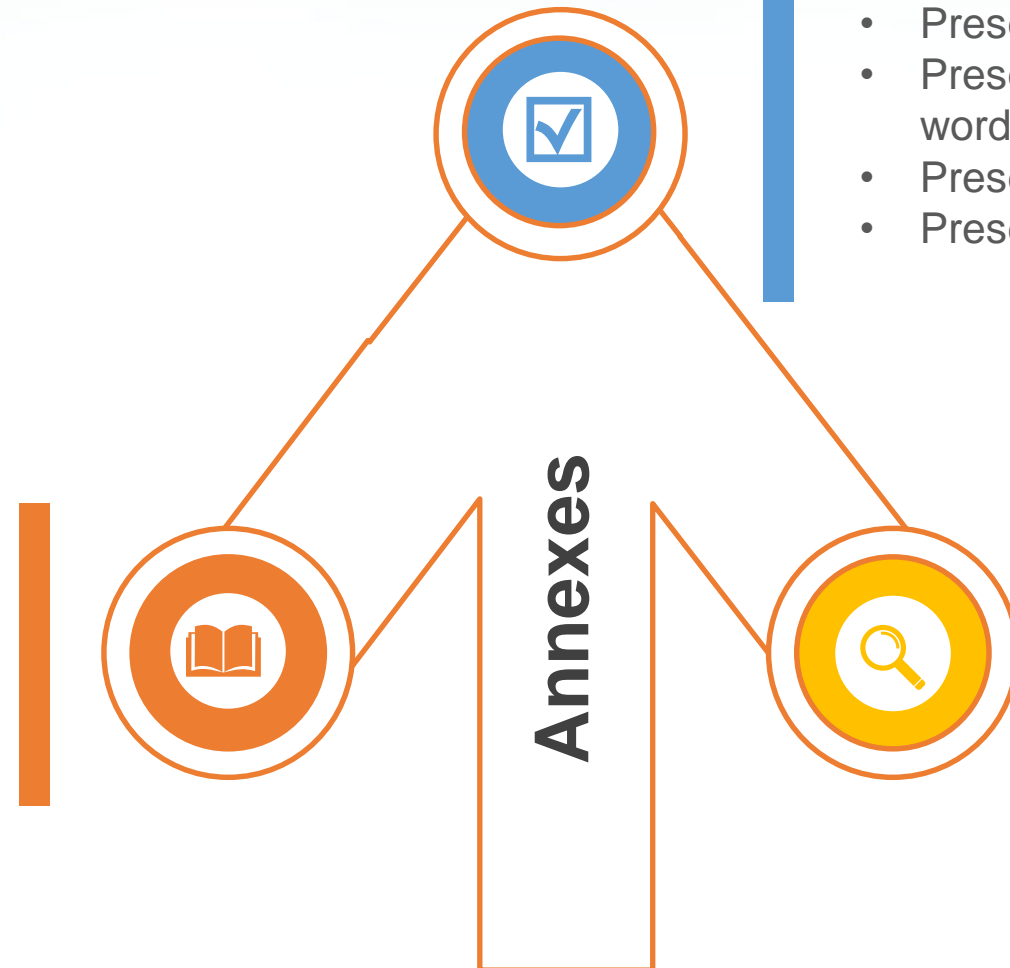
- Presentation of information
- Presentation of hazard symbols, signal words and hazard statements
- Presentation of hazard colour band
- Presentation of precautionary pictograms

Supplementary Labels

- Supplementary labelling for small sized packages

Requirements

- General requirements
- Requirements for principal display panel
- Requirements for secondary display panel
- Other requirements
- Prohibited terms



Annexes

Normative Annexes

Are indispensable to the proper application of the standard

- Annex A – Hazard class requirements
- Annex B – Standardized hazard statements
- Annex C – Standardized precautionary statements
- Annex D – GHS hazard symbols and labelling
- Annex E – Precautionary pictograms
- Annex F – Placement of precautionary pictograms





Informative Annexes

Only provide information for guidance purposes

- Annex G – Presentation of colour band and precautionary pictograms
- Annex H – Print size guide; and
- Annex I - Sample layout of label.



Label elements based on hazard class

Requirement	Hazard category					
	1	2	3	4	5	Not classified
Category	1	2	3	4	5	Not classified
Hazard symbol					<i>No symbol</i>	<i>No symbol</i>
Signal Word	Danger	Danger	Danger	Warning	Warning	<i>No signal word</i>
Hazard statement						
- oral	Fatal if swallowed	Fatal if swallowed	Toxic if swallowed	Harmful if swallowed	May be harmful if swallowed	
- dermal	Fatal in contact with skin	Fatal in contact with skin	Toxic in contact with skin	Harmful in contact with skin	May be harmful in contact with skin	
- inhalation	Fatal if inhaled	Fatal if inhaled	Toxic if inhaled	Harmful if inhaled	May be harmful if inhaled	
Colour band ^A	PMS red 199 C	PMS red 199 C	PMS yellow C	PMS blue 293 C	PMS blue 293 C	PMS green 347 C
^A These colours may not be true representations of the PMS colour on the hazard colour band.						

Sample Label

Hazard statements

Precautionary statements

Always:
DO NOT eat, drink or smoke when using this product
WASH AFTER USE

First aid & medical advice

Always: Contact details of poison centre

Accidental spills advice

[QR Code] 

Trade mark acknowledgment (s)

Product Name
Common name, concentration and formulation type, any other GHS product identifiers

Description of product and field of use

READ THE LABEL BEFORE USE
KEEP LOCKED AWAY AND OF REACH OF CHILDREN



Signal word

Registration number
[User category]

Country of origin

Manufacturer
Distributor, agent,
registrant

Net content

Directions for use

Crop(s); pest(s); warnings/restrictions; dose rate(s); mixing instructions; incompatibilities; application method; pre-harvest interval(s); re-entry period, resistance prevention information; etc.

Storage & disposal

Manufacture date:

Expiry date:

Hazard colour band

Precautionary pictograms

PRECAUTIONS AND WARNING FOR USE:

- Do not store in dwellings. Keep under lock and key, away from the reach of children.
- Use the following protective gear when handling or applying this product: rubber boots, respirators, goggles and gloves.
- Do not eat, smoke or drink while handling or applying this product.
- Shower after working with this product and wear clean clothes.
- Do not store and transport next to food or animal feed

**IN CASE OF INTOXICATION****TAKE THE PATIENT TO A PHYSICIAN AND PRESENT THIS LABEL****SYMPTOMS OF INTOXICATION:**

Eyes, nose, throat and skin irritation. If ingested can cause gastroenteritis, nausea, diarrhea, convulsions and heartburn.

FIRST AID:

INGESTION: Harmful if swallowed. Rinse mouth. DO NOT induce vomiting and transfer patient to the nearest hospital as soon as possible.

CONTACT WITH SKIN: Remove contaminated clothing and wash affected skin with plenty of soap and water. If skin irritation occurs consult a doctor.

INHALATION: Seek fresh air immediately.

CONTACT WITH EYES: Extreme irritation. Immediately flush eyes with plenty of water for 15 minutes. Seek medical attention.

DO NOT GIVE TO DRINK OR**INDUCE VOMITING TO PERSONS IN AN UNCONSCIOUS STATE****MEDICAL TREATMENT:** Symptomatic. Do not induce vomiting

Active Ingredients:	
Copper (Cu).....	8.05%
Inert Ingredients:.....	93.95%
TOTAL.....	100.00%

READ INSTRUCTIONS BEFORE USE
KEEP OUT OF THE REACH OF CHILDREN

Net Content: 3.78L □ 1L □ 500ml □ 250ml □ 100ml □

DISTRIBUTED BY:

BATCH NO.
EXP. DATE:
TRINIDAD & TOBAGO REG. NO.

STOPI PROTECT THE ENVIRONMENT USING GOOD AGRICULTURAL PRACTICES. COMPLY WITH THE RECOMMENDATIONS PROVIDED IN THE PAMPHLET

DIRECTIONS FOR USE:

CROPS	DISEASES	RATES
Banana Plantain Sweet Potato Cassava etc.	Black Sigatoka: (<i>Mycosphaerella fijiensis</i>) Disinfect to prevent bacterial diseases (<i>Pseudomonas spp</i>) in coms and setts	Immersion of coms: 2.5-3.0 ml/L Foliar application in nursery 2.5 ml/L Frequency: preventative every 10-15 days and curative: every 8 days.
Papaya	Anthracnose, <i>Cercospora spp</i> , <i>Erwinia spp</i> , <i>Pseudomonas spp</i>	Seed disinfection: 2.0 ml/L Foliar applications: 500 ml/200L Frequency: preventative every 10-15 days and curative every 8 days
Tomato, Pepper Melon, Potato Cucumber, Cabbage Carrot, Bean Citrus, Rice Ornamentals	<i>Xanthomonas spp</i> <i>Pseudomonas spp</i> <i>Erwinia spp</i> <i>Alternaria spp</i> <i>Cercospora spp</i> <i>Phytophthora spp</i> <i>Peronospora spp</i>	Drenching and seedlings treatment: 2ml/L per m ² . Foliar applications at nursery 2ml/L and in open field 500 ml/200L. Frequency: preventative every 10-15 days and curative every 8 days
Pineapple	<i>Phytophthora spp</i> <i>Phydim spp</i> , <i>Erwinia carotovora</i>	Disinfecting Suckers: 3ml/L Foliar applications 2-3 L/Ha 15 days after planting.

Re-Entry- Once spray has dried completely

CHARACTERISTICS:

VITAL POWER COPPER is formulated on the basis of Type 1 Copper obtained from a Copper Sulphate Pentahydrate and supplemented with carbohydrates and natural antioxidants to improve absorption and system.

VITAL POWER COPPER is used to prevent and control bacterial and fungal diseases in several crops by activation of the enzymatic mechanism *Superoxide Dismutase* and the plant's self defense mechanisms via induction of biosynthesis of polyphenols and phytoalexins which counteract the harmful effects of many pathogens which cause disease in crops. VITAL POWER COPPER is also a source of copper which enhances the plant's respiration and photosynthetic processes as well.

METHOD OF APPLICATION: Shake container vigorously, fill the tank half way with clean water then add the required amount of VITAL POWER COPPER while stirring and topping up to the required volume. Foliar spray, Soil Drench or Drip Irrigation can be applied using a backpack, mistblower or tractor mounted sprayers.

Not Compatible with acids or strong bases, amino acids, sulphur, oil or calcium products. Do not use in extreme conditions of drought, root suffocation, heat, cold or extreme humidity. Preferably used alone, without mixing with other products. Adjust the pH to around 5.0 and correct the hardness of the water. Do a jar test if unsure. Best with Stoller pH-.

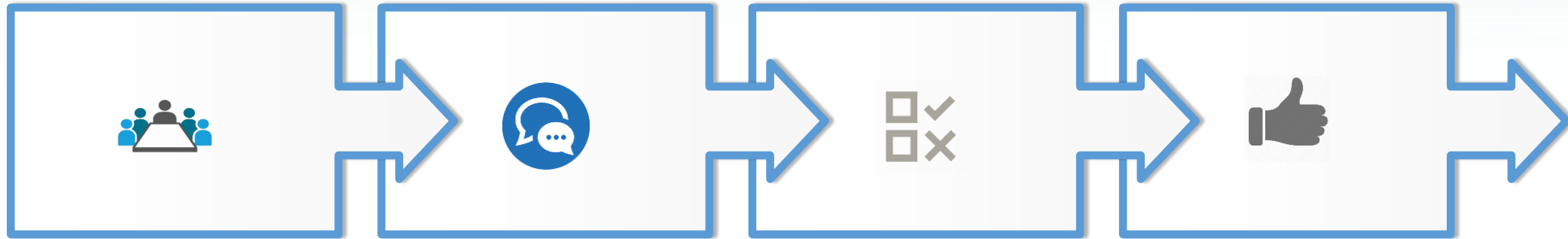
TOXIC TO FISH. DO NOT CONTAMINATE RIVERS, LAKES OR PONDS WITH THIS PRODUCT OR EMPTY CONTAINER.



DO NOT RE-USE THIS PACKAGE. Triple rinse empty bottle, apply washings to treatment area, puncture bottle and bury in an approved disposal site
WARRANTY DECLARATION "No warranty of any kind, expressed or implied, is made concerning the use of this product. User assumes all risks and liabilities arising from handling, use or application of VITAL POWER COPPER"

**WARNING**

Status of Standards Process



01

Committee Stage

Technical committee (TC) discusses and reaches consensus on requirements of the standard

03

Voting Stage

The standard is circulated to MSs for voting

02

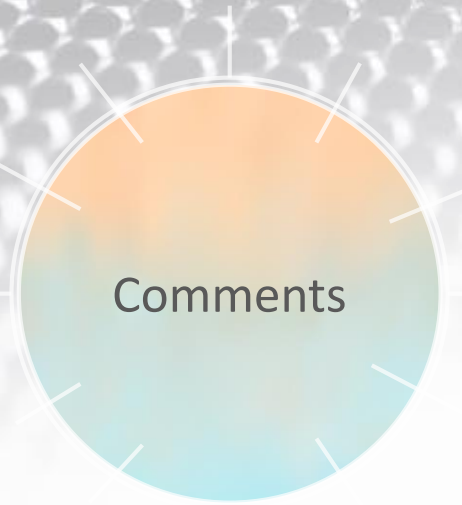
Enquiry Stage

The draft is circulated to the MSs for review and comment, TC disposes comments and reaches consensus

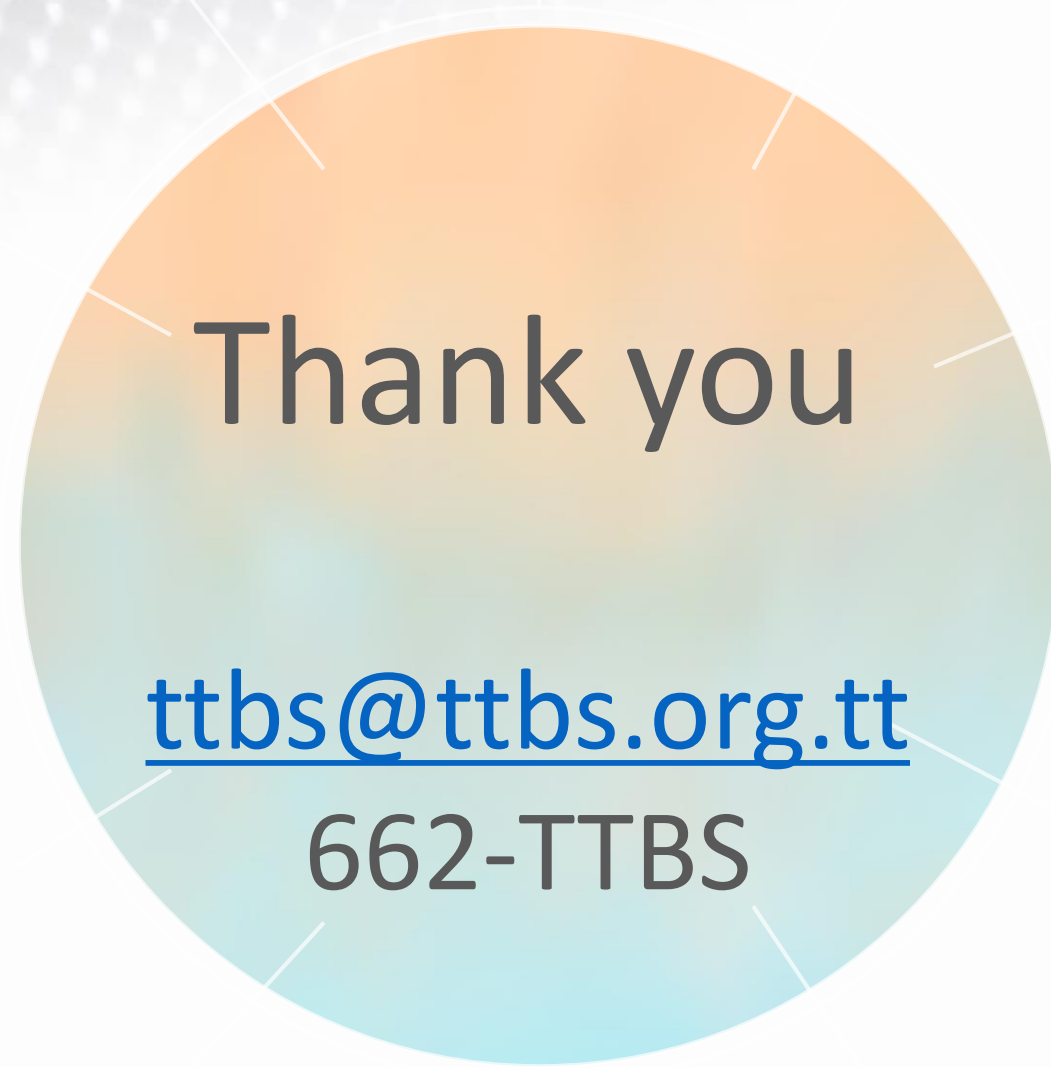
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Approval Stage

Draft submitted to CROSQ Council and then to COTED for approval as a CARICOM Regional Standard



Comments



Thank you

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662-TTBS



Suggestions