



**VIETNAM CHEMICALS AGENCY**  
**MINISTRY OF INDUSTRY AND TRADE**  
**THE SOCIALIST REPUBLIC OF VIETNAM**

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*Hanoi, August 20<sup>th</sup>, 2015*

The Coordinator  
Interim Secretariat of the Minamata Convention on Mercury  
Chemicals Branch  
Division of Technology, Industry and Economics  
United Nations Environment Programme  
11 – 13 chemin des Anemones  
CH – 1219 Chatelaine, Geneva, Switzerland

Subject: Submission by Vietnam based on request for further work made at the sixth session of the Intergovernmental Negotiating Committee

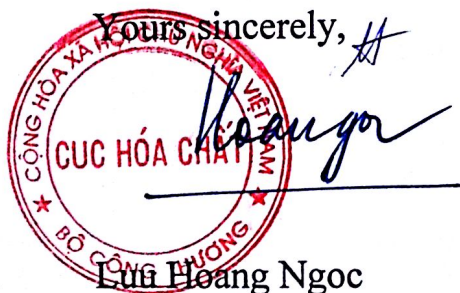
Dear Sir or Madam,

Vietnam Chemicals Agency – the SAICM National Focal Point of Vietnam presents its compliments to the Interim Secretariat of the Minamata Convention on Mercury and has the honor to refer to the Letter on the Call for submissions by Government based on request for further work made at the sixth session of the Intergovernmental Negotiating Committee.

The requested information is enclosed in the attachment.

Vietnam Chemicals Agency avails itself of this opportunity to renew to the Interim Secretariat of the Minamata Convention on Mercury the assurances of its highest consideration./.

Yours sincerely, *H*



**Luu Hoang Ngoc**  
Deputy Director General

Cc:

- As above;
- File: VT, HTQT.

Information to be submitted by Vietnam to support the further work of the Intergovernmental Negotiating Committee in its preparations for early implementation of the Minamata Convention on Mercury as well as for the first meeting of the Conference of the Parties

**1) National technical regulation on hazardous substances in ambient air (QCVN 06:2009/BTNMT)**

Maximum allowed concentration in ambient air

*Unit: Micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ )*

No	Parameter	Chemical formula	Average duration	Allowable concentration
1	Mercury (metals and compounds, in terms of Hg)	Hg	24 hours	0.3

**2) National Technical Regulation on Hazardous Waste Thresholds (QCVN 07:2009/BTNMT)**

Heavy metal groups and their inorganic compounds (in terms of metal element)

No	Hazardous Ingredients	Chemical formula	Hazardous Waste Thresholds	
			Absolute basis concentration, H (ppm)	The concentration of lixiviation $C_{tc}$ (mg/l)
1	Mercury	Hg	4	0.2

**3) National technical Regulation on Discharge of Drilling Fluids and Drilling Cuttings for Offshore Oil and Gas Facilities (QCVN 36:2010/BTNMT)**

The maximum allowed value of Hg in Barite:

No	Parameter	Unit	Maximum allowed value
1	Mercury (Hg)	mg/kg in dry weight	1.0

The maximum allowed value of Hg Barite and PAHs in base solution for mixing drilling base solution not including water:



No	Parameter	Unit	Maximum allowed value
1	Concentration of Hg in Barite	mg/kg dry weight	1.0

#### 4) National technical Regulation on Industrial Wastewater (QCVN 40:2011/BTNMT)

Value C of pollution parameters in industrial wastewater, in which:

- Column A specified value C of pollutants parameters in industrial wastewater discharged into water sources used for drinking water supply purposes;

- Column B prescribed value C of the pollution parameters of industrial waste water discharged into water sources not used for drinking water supply purposes;

No	Parameter	Unit	Value C	
			A	B
1	Mercury	mg/l	0.005	0.01

#### 5) National technical regulation on the emission of health care solid waste incinerators (QCVN 02:2012/BTNMT)

The maximum allowed value of the pollution parameters in emissions, including:

- Column A applies to solid medical waste incinerator at planned medical waste treatment facility (not located in the campus of medical facility);

- Column B applies to solid medical waste incinerator located in the campus of medical facility.

No	Pollution parameter	Unit	Maximum allowed value	
			A	B
1	Mercury and mercury compound, Hg	mg/Nm <sup>3</sup>	0.5	0.5

#### 6) National Technical Regulation on Industrial Waste Incinerator (QCVN 30:2012/BTNMT)

The maximum allowed value of pollution parameters in the emissions of industrial waste incinerators, of which:

- Column A applies to all Industrial Waste Incinerator up to 31<sup>st</sup> December 2014;

- Column A applies to all Industrial Waste Incinerator from 1<sup>st</sup> January 2015.

No	Pollution parameter	Unit	Maximum allowed value	
			A	B
1	Mercury and mercury compound, Hg	mg/Nm <sup>3</sup>	0.5	0.2

#### 7) National Technical Regulation on Hazardous Thresholds for Sludge from Water Treatment Process (QCVN 50:2013/BTNMT)

The basis absolute content (H) and hazard threshold levels based on leaching (C<sub>tc</sub>) of the parameters in the sludge:

No	Parameter	CAS number	Chemical formula	Basis absolute content H (ppm)	Hazard threshold levels based on leaching (C <sub>tc</sub> ) (mg/l)
1	Mercury	-	Hg	4	0.2

#### 8) National Technical Regulation on Wastewater of Steel Industry (QCVN 52:2013/BTNMT)

Value C of pollution parameters in Wastewater of Steel Industry, in which:

- Column A specified value C of pollutants parameters in Wastewater of Steel Industry discharged into water sources used for drinking water supply purposes;

- Column B prescribed value C of the pollution parameters in Wastewater of Steel Industry discharged into water sources not used for drinking water supply purposes;

No	Parameter	Unit	Value C	
			A	B
10	Mercury	mg/l	0.005	0.01

#### 9) Mercury monitoring system

Centre for Environmental Monitoring under Vietnam Environment Administration has implemented some environmental monitoring programs in water basins, including mercury monitoring parameters in surface water and

sediments. Since November 2014, the Center for Environmental Monitoring of VEA has installed and operated sampling equipment of mercury wet deposition in the ambient./.