

(Garuda Emblem)  
**Notification of Ministry of Industry**  
**Re: Reporting data of lead smelter**  
-----

By the virtue of clause 1 and clause 4 of the Ministerial Regulation No. 3 (B.E. 2535 (1992)), issued pursuant to the Factory Act B.E. 2535 (1992), the Minister of Industry hereby issues the Ministerial Notification as follows:

Due to the fact that a lead smelter from used batteries is a factory business that has significant impact to the environment. It is deemed necessary for a factory entrepreneur to report its data on inspection for efficiency of pollution control system, pollutant analysis of pollution control system and inspection of environmental quality as follows:

Article 1      Data on raw material, that is used batteries, taken into a factory, obtained products, scale, sludges and other wastes generated shall be reported in accordance with data report form for quantity of used batteries, products, product sale and wastes annexed hereto.

Article 2      Analysis data on lead contamination in effluent and rainwater discharging outside a factory premise shall be reported to Department of Industrial Works every three months.

Article 3      Analysis data on lead contamination in surface water from water reservoir which is closest to a factory shall be reported to Department of Industrial Works once a year.

Article 4      Analysis data on lead contamination in groundwater from shallowest groundwater reservoir shall be reported once a year. There shall be at least three sampling points for analysis: at least one point at upstream and at least two points at downstream. Every sampling point shall be distant from a factory building not more than 20 meters or as prescribed by Department of Industrial Works.

Article 5      Analysis data on lead contamination in surface soil from the area which is closest to a factory building or other places prescribed by Department of Industrial Works shall be reported to Department of Industrial Works once a year.

Article 6      Analysis data on lead contamination in surface soil from the area in the vicinity of a factory building within a distance of not more than 20 meters or other places prescribed by Department of Industrial Works shall be reported to Department of Industrial Works once a year.

Article 7      Inspection data on air quality shall be reported to Department of Industrial Works every three months as follows:

(1)      Quantity of air emitted from every installed air pollution control equipment.

(2)      Quality of air emitted from every installed air pollution control equipment, by reporting the following parameters.

- Sulfur dioxide
- Carbon monoxide
- Chlorine

- Lead particulate
- Total dust

(3) Air quality, only lead particulate, at the border of a factory in a downwind direction from a factory building. Wind direction should be reported during inspection.

(4) Influent air quality, only lead particulate and total dust, before entering air pollution control equipment.

(5) Air quality in total working area, excluding storage for lead plates.

This shall, thus, enter into force on the day following the date of its publication in the Government Gazette.

Announced on the 27<sup>th</sup> April B.E. 2544 (2001)

(signed) \_\_\_\_\_  
(Mr.Suriya Jungrunreungkij)  
Minister of Industry

(Published in the Government Gazette, Volume 118, Special Part 58d, dated 20<sup>th</sup> June B.E. 2544 (2001))

Sheet number: .....

**Data report form for quantity of used batteries, products, product sale and wastes**

For the month of ..... year.....

Name of a factory entrepreneur ..... Factory license number: .....

Telephone number: ..... Street address: ..... Moo: ..... Soi: .....

Road:..... Tambon: ..... District: ..... Province:.....

**A. Quantity of used batteries used in production.**

Date	Quantity of used batteries (ton)			Remark
	Purchased	Sent to smelting	Surplus	

Signed ..... A factory entrepreneur

( ..... )  
...../...../.....

Sheet number:.....

**B. Produced and sold quantity of lead from used battery smelting.**

Date	Produced and Sold Quantity of lead from used batteries smelting (ton)			Remark
	Produced	Sold	Surplus	

Signed ..... A factory entrepreneur  
 ( ..... )  
 ...../...../.....

Sheet number:.....

**C. Wastes from used battery smelting.**

Date	Waste type (ton)				Remark
	a. Scale	b. sludges	c. dusts	d. others	

Signed ..... A factory entrepreneur  
 ( ..... )  
 ...../...../.....