

Quarterly Report ending:

Due Date:

Please read the Reporting Guidelines on page 2 very carefully before completing this form.

1. Producer

Name of Producer

.....

2. Geographical Area Reported

IAI Geographical Area

.....

3. Alumina Production

a. Metallurgical Alumina Production

Tonnes

b. Chemical Alumina Production

Tonnes

c. Total Alumina Production (a + b)

Tonnes

Reported by: (Please amend and complete as necessary)

Name:

Appointment:

Company:

Address:

Tel No:

Fax No:

E-Mail:

Date:

Please return completed form to:

Confidential Statistical Officer

International Aluminium Institute

New Zealand House

Haymarket

London SW1Y 4TE

United Kingdom

Tel No: 00 44 20 7930 0528

Fax No: 00 44 20 7321 0183

E-Mail: faldo@world-aluminium.org

Reporting Guidelines

1. An alumina refinery may produce calcined alumina (aluminium oxide – Al_2O_3) or hydrated alumina (aluminium oxide trihydrate – $\text{Al}_2\text{O}_3 \cdot 3\text{H}_2\text{O}$ – generally referred to as hydrate) or both. It is, therefore, necessary to establish a standard method of reporting the refinery's alumina production and capacity. For this purpose, all quantities are reported as nominal aluminium oxide (Al_2O_3) quantities. The conversion of quantities of hydrate to equivalent, 100%, nominal aluminium oxide quantities, takes account of the free moisture content in wet hydrate and the molecular weight ratio of 156:102 between dried hydrate and aluminium oxide. Thus 100,000 tonnes of wet hydrate with a moisture content of 10% is equivalent to 90,000 tonnes of dried hydrate and $(90,000 \times 102/156)$ 58,846 tonnes of nominal aluminium oxide.
2. Alumina production is defined as the quantity of nominal aluminium oxide produced in a defined period. It is reported under three headings:
 - a. Metallurgical Alumina Production. The production of alumina for metallurgical uses. This figure is the quantity of calcined alumina produced for the production of primary aluminium.
 - b. Chemical Alumina Production. The production of alumina for other, non-metallurgical, uses. This figure is normally the quantity of hydrate, expressed as nominal aluminium oxide, produced for the production of chemical products. It may, however, also include any quantity of calcined alumina produced specifically for the production of chemical products.
 - c. Total Alumina Production. The production of alumina for all purposes. This figure is the sum of the reported production for metallurgical uses and the reported production for other, non-metallurgical, uses.
3. Alumina production is reported quarterly and to the nearest tonne (metric ton).
4. A company unable, for whatever reason, to report alumina production according to IAI definitions and rules, is expected to report consistently and as closely to those definitions and rules as is practical.