

Voluntary Aluminum Industrial Partnership

"YEAR" Annual Partner Report - <Insert Partner Name>

Section 1: Input Variables for Emissions Estimates

The IPCC Method uses an emissions factor based upon the AE Minutes (the product of AE Frequency and AE Duration) and a slope coefficient. This emissions factor is applied to the estimate of the aluminum production, yielding the emissions. We appreciate any information that you can provide to the following table, as it will aid in making emissions estimates consistent among all the Partners. If your smelter uses an alternate emissions estimation method, we welcome any additional information that you can provide.

| Month/Period | AE Frequency (AE/cell-day) | AE Duration (min) | AE Minutes (min/cell-day) | Aluminum Production (tonnes) |
|-----------------------|-------------------------------|----------------------|------------------------------|---------------------------------|
| January | | | | |
| February | | | | |
| March | | | | |
| April | | | | |
| May | | | | |
| June | | | | |
| July | | | | |
| August | | | | |
| September | | | | |
| October | | | | |
| November | | | | |
| December | | | | |
| Average/Total* | | | | |

*The *Average* applies to the AE Frequency, AE Duration, and AE Minutes; the *Total* applies to Production.

CF₄ Slope Coefficient** C₂F₆ Slope Coefficient**

** Coefficients in [(kg PFC / tonne Al)/(AE Min / Cell-Day)]

Section 2: MOU Commitment Parameter

MOU Parameter*** (AE Frequency, AE Duration, AE Minutes, or Emissions Rate)

"YEAR" Parameter Value Parameter Units

***If the Parameter is an Emissions Rate, remember to indicate the appropriate units (e.g., kg CF₄/tonne Al or kg PFC/tonne Al). If a method other than the IPCC method is used to calculate the Emissions Rate, please show the important variables and calculations below.

Circle above data which is CBI.

Section 3: Emissions Reductions Activities

Please provide information regarding reduction activities. This information is helpful in estimating the timing, costs, and efficacy of the various components of emission abatement strategies. Examples of reduction activities include equipment retrofits, process control upgrades, and specialized employee training programs. For specific activities please provide, where possible, its start date, end date, and associated costs. In-progress activities or planned projects can also be included.

| Activity Description | Start Date / End Date | Costs |
|----------------------|-----------------------|-------|
| | | |

Section 4: Additional Comments

Details regarding anomalous events or special circumstances which may impact the data reported in Sections 1 and 2 would be appreciated.

| Comments |
|----------|
| |

Circle above data which is CBI.

Voluntary Aluminum Industrial Partnership

Time Series Partner Report - <Insert Partner Name> (partner-specific data would be in the form each partner receives)

EPA would send out a new form each year with updated data

This form lists the time series of data used in estimating PFC emissions and a profile of the Partner's progress toward fulfilling its Commitment. The numbers correspond to the values reported by the Partner in past communications. Blanks indicate years for which a value is not available. In those cases, default values from IPCC guidance documents or the relevant literature have been used. Please verify the information that is listed and fill in as many blanks as possible. Any values that that you can provide will help to improve the quality and consistency of our emissions reductions calculations.

| Partner Summary | |
|------------------------|--------------------------|
| Parent Company | <Insert Company Name> |
| Technology Type | <Insert Tech Type> |
| Commitment Parameter | <Insert Parameter> |
| MOU Commitment | <Insert MOU Reduction %> |

Data Used in the IPCC Tier 3B Emissions Estimate

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|------------------------------------|------|------|------|------|------|---------|---------|---------|---------|------|
| Production ('000 tonnes) | | | | | | | | | | |
| Average AE Frequency (AE/Cell-Day) | | | | | | | | | | |
| Average AE Duration (min) | | | | | | | | | | |
| AE Minutes/Cell-Day | | | | | | #VALUE! | #VALUE! | #VALUE! | #VALUE! | 0.00 |

Status of Commitment

| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 |
|-------------------------------|------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Reported <Insert Parameter> | | | | | | | | | | |
| Change from 1990 Baseline (%) | | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |
| Commitment Achieved (%) | | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! | #VALUE! |

Circle above data which is CBI.

s)

| 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|
|------|------|------|------|

| | | | |
|------|------|------|------|
| 0.00 | 0.00 | 0.00 | 0.00 |
|------|------|------|------|

| 2000 | 2001 | 2002 | 2003 |
|------|------|------|------|
|------|------|------|------|

| | | | |
|---------|---------|---------|---------|
| #VALUE! | #VALUE! | #VALUE! | #VALUE! |
|---------|---------|---------|---------|

| | | | |
|---------|---------|---------|---------|
| #VALUE! | #VALUE! | #VALUE! | #VALUE! |
|---------|---------|---------|---------|